PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
Nov. 16	Oxford, Mich.	Oct. 21
Nov. 22	Detroit, Mich.	Nov. 11
Nov. 27	Denver, Col. Adv. Nov. 11.	Nov. 11

SEWERS

Nov. 15	Chadron, Neb.	Nov. 4
Nov. 15	Garfield Heights (Cleveland P. O.), O.	Nov. 11
Nov. 16	Paterson, N. J.	Nov. 4

BRIDGES

Nov. 15	Michigan	Nov. 4
Nov. 15	Kinston, N. C.	Nov. 11
Nov. 15	Oskaloosa, Kan.	Nov. 11
Nov. 18	Ft. Worth, Tex.	Nov. 11
Nov. 22	Alamo, Ga.	Nov. 4
Nov. 22	Victoria, B. C. Adv. Nov. 4 and 11.	Nov. 4
Nov. 22	North Carolina	Nov. 11
Nov. 23	Bridgewater, Vt. Adv. Nov. 4 and 11.	Nov. 11
Mar. 1	Ontario	Nov. 4

STREETS AND ROADS

Nov. 15	Oskaloosa, Kan.	Oct. 21
Nov. 15	Indiana	Oct. 28
Nov. 15	Mantorville, Minn.	Nov. 4
Nov. 15	Boston, Tex.	Nov. 4
Nov. 15	Oskaloosa, Kan.	Nov. 11
Nov. 15	Indiana	Nov. 11
Nov. 16	Lyon, Kan.	Oct. 14
Nov. 16	Newark, N. J.	Nov. 11
Nov. 16	Philadelphia, Pa.	Nov. 11
Nov. 16	South Orange, N. J.	Nov. 11
Nov. 16	St. Louis, Mo.	Oct. 28
Nov. 16	Crystal Falls, Mich.	Nov. 4
Nov. 16	Lake City, Mich.	Nov. 4
Nov. 16	Ontario	Nov. 4
Nov. 16	Maryland Adv. Nov. 4 and 11	Nov. 11
Nov. 16	Wash, D. C.	Nov. 11
Nov. 17	Providence, R. I.	Oct. 28
Nov. 17	Brooklyn, N. Y.	Nov. 11
Nov. 18	New York, N. Y.	Nov. 11
Nov. 18	Ballinger, Tex.	Nov. 11
Nov. 19	Montesano, Wash.	Nov. 11
Nov. 19	Missouri	Nov. 11
Nov. 21	Joliet	
Nov. 22	Indiana	Nov. 11
Nov. 22	Columbiana, Ala.	Nov. 11
Nov. 22	North Carolina	Nov. 11
Nov. 23	Leavenworth, Kan.	Nov. 4
Nov. 24	Missouri	Nov. 11
Nov. 27	Missouri	Nov. 4
Nov. 29	Topeka, Kan.	Nov. 4
Nov. 30	Georgia Adv. Nov. 11.	Nov. 11
Dec. 1	Columbus, Kan.	Nov. 11
Jan. 2	Duluth, Minn.	Oct. 28
Jan. 5	Colorado Springs, Col.	Oct. 21
Mar. 30	Westboro, Ont.	Nov. 11

EXCAVATION AND DREDGING

Nov. 18	Cleveland, Miss.	Nov. 11
Nov. 22	Tampa, Fla.	Nov. 11

RAILWAYS

Bids Close		See Eng. News-Record
Nov. 30	Quebec	Nov. 11

INDUSTRIAL WORKS

Nov. 11	New York, N. Y.	Nov. 4
Dec. 1	Metuchen, N. J.	Oct 28

BUILDINGS

Nov. 15	Baltimore, Md.	Oct. 28
Nov. 15	Enid, Okla.	Oct. 28
Nov. 15	River Rouge, Mich.	Nov. 11
Nov. 15	Birmingham, Mich.	Nov. 11
Nov. 15	Detroit, Mich.	Nov. 11
Nov. 16	Shelby, Ia.	Oct. 28
Nov. 20	Duluth, Minn.	Nov. 4
Nov. 22	Buffalo, N. Y.	Oct. 28
Nov. 23	Pocahontas, Ia.	Nov. 11
Nov. 24	Cleveland Heights (Warrensville P. O.), O.	Nov. 4
Dec. 1	Johnstown, Col.	Nov. 11
Dec. 1	Piqua, O.	Nov. 11
Dec. 6	Ossining, N. Y.	Oct. 21
Dec. 6	Atlantic City, N. J.	Nov. 11
Dec. 10	Brooklyn, N. Y.	Oct. 21
Jan. 2	Duluth, Minn.	Oct. 21
Jan. 2	Duluth, Minn.	Oct 28
Jan. 2	Cortland, N. Y.	Oct. 21
Jan. 2	Hibbing, Minn.	Nov. 4
Jan. 2	Aitkin, Minn.	Nov. 11
Jan. 2	Webster, Wis.	Nov. 11

FEDERAL GOVERNMENT WORK

Nov. 15	Marine Hospital—Philadelphia, Pa.	Oct. 21
Nov. 15	Extending Mailing Vestibule, etc.—Akron, O.	Oct. 21
Nov. 16	Extension to Mailing Vestibule—Portsmouth, O.	Oct. 28
Nov. 16	Mezzanine Floors, etc. —Allentown, Pa.	Nov. 4
Nov. 17	Marine Railway—Spec. 4254 —Pearl Harbor, H. T.	Oct. 14
Nov. 17	Nurses Quarters—Spec. 4293 —Puget Sound, Wash.	Oct. 28
Nov. 17	Ordnance Buildings—Spec. 4168—Pearl Harbor, H. T.	Oct. 14
Nov. 17	Remodeling Post Office and Court House—Sacramento, Cal.	Oct. 21
Nov. 17	Alterations and Additions to Main Building, etc.—Spec. 4273—Chelsea, Mass.	Nov. 4
Nov. 17	Incinerator Plant—Boston, Mass.	Nov. 11
Nov. 17	Altering Attendants Quarters, etc.—Cincinnati, O.	Nov. 11
Nov. 18	Earthwork—St. Louis, Mo. Adv. Oct. 21 to Nov. 11.	Oct. 21
Nov. 18	Post Office—Athens, Tenn.	Oct. 28
Nov. 18	Steel Hangar, etc.—Aberdeen, Md.	Nov. 11
Nov. 19	Altering Post Office and Custom House—Oswego, N. Y.	Oct. 28
Nov. 24	Quartermasters Storehouses Spec. 4280—San Diego, Cal.	Nov. 4
Nov. 24	Redredging — Galveston, Tex. Adv. Oct. 21 to Nov. 11.	Nov. 4
Nov. 24	Incinerator—Quantico, Va.	Nov. 11
Nov. 24	Lighting Conduits, etc. — Springfield, Ill.	Nov. 11
Nov. 24	Boiler Plant Improvements —Spec. 4252—Charleston, S. C.	Nov. 11
Nov. 24	Removing Mast—Spec. 4314 —Pensacola, Fla.	Nov. 11
Dec. 1	Refrigerating Equipment — Spec. 4303—San Diego, Cal	Nov. 11
Dec. 1	Ordnance Buildings—Spec. 4168—Kuahua, H. T.	Nov. 4

MISCELLANEOUS

Bids Close		See Eng. News-Record
Nov. 15	Stairway — Williamsbridge (New York P. O.), N. Y.	Nov. 11
Nov. 16	Head Gates—Baldwinsville, N. Y. Adv. Oct. 21 to Nov. 11	Oct. 21
Nov. 16	Bockwall—Buffalo, N. Y.	Oct. 21
Nov. 16	Ties—Detroit, Mich.	Nov. 11
Nov. 16	Arena—Toronto, Ont.	Nov. 4
Nov. 16	Coal Conveyor Belt—New Orleans, La. Adv. Nov. 4 and 11.	Nov. 11
Nov. 16	Coal Handling Machinery —New Orleans, La. Adv. Nov. 4 and 11	Nov. 11
Nov. 16	Portland Cement—Detroit, Mich.	Nov. 11
Nov. 16	Dock Equipment—New Orleans, La. Adv. Nov. 11.	Nov. 11
Nov. 16	Wharf Shed—New Orleans La.	Nov. 11
Nov. 16	Paving — Block—Brooklyn, N. Y.	Nov. 11
Nov. 17	Laundry Equipment—Hudson, N. Y.	Nov. 4
Nov. 18	Gasoline, Paving Grits, etc. New York, N. Y.	Nov. 11
Nov. 19	Pumps—Akron, O. Adv. Nov. 4 and 11.	Nov. 11
Nov. 19	Enclosures — New York, N. Y.	Nov. 11
Nov. 22	Docks—Detroit, Mich.	Nov. 11
Nov. 22	Lock and Dam—Chicago, Ill. Adv. Oct. 21 to Nov. 11	Oct. 21
Nov. 23	Heating, etc. —Ossining, N. Y.	Oct. 28
Dec. 1	Heating Work—Central Islip, New York, N. Y. Adv. Nov. 11.	Nov. 11

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Md., Baltimore—City voted $15,000,000 bonds to increase water supply. H. G. Perring, City Hall, ch. engr. Noted Aug. 5.

N. C., Red Springs—Town plans to extend waterworks and lighting systems. About $50,000. A. P. Spell, clk.

O., Kenmore—City voted $200,000 bonds to extend waterworks system.

O., Niles—City will sell $75,000 bonds to extend and improve waterworks system. Bonds for $150,000 voted last August.

Mich., Ecorse—City rejected bids for furnishing labor and material laying and finishing watermain extensions from here to River Rouge. Work will be readvertised. G. Jerome, 1331 Majestic Bldg., Detroit, engr. Noted Oct. 21.

Minn., South St. Paul—City having plans prepared by J. H. A. Brantz, engr., 409 Metroplitan Opera House Bldg., St. Paul, for waterworks extensions. About $85,000. Noted Sept. 23.

Kan., Caney—City had plans prepared for filtration plant. Black & Veatch, Interstate Bldg., Kansas City, Mo., engrs.

Neb., North Platte—City voted $50,000 bonds to improve waterworks system.

Wyo., Douglas—City soon receives bids building waterworks system, to include collecting system below river bed, reservoir

Waterworks (Continued)

and pump house, etc. About $75,000. Prince, Nixon & Co., Omaha, Nebr., engrs. Noted Sept. 2.

Tex., Terrell—City rejected bids received Oct. 25, improving wateworks system, to include furnishing and installing new pumping equipment, etc. About $100,000. Work will be readvertised. Noted Oct. 14.

Ariz., Phoenix—City election Nov. 27, to vote on $450,000 bonds to purchase, extend and improve water distributing system.

BIDS DESIRED

O., Middletown—See "Streets and Roads."

Mich., Detroit—Until Nov. 22, by H. Brabyn, secy. Bd. Fire Comrs., Wayne and Larned Sts., building 2 story, 90 x 90 ft. high pressure pumping station, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Randolph St. and Detroit River. Smith, Hinchman & Grylls, 710 Washington Arcade, engrs.

Col., Denver—Until Nov. 27, by Wellington Reservoir Co., at office of L. E. Bishop, ch. engr., 1st Natl. Bank Bldg., Denver, for building solid rock outlet tunnel, 4 ditches and raising Wellington Dam, at Wellington Reservoir, in Jefferson Co., 50 mi. southwest of here. J. A. Hicks, pres.; advertised in this issue.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★Mass., Boston — Commonwealth of Massachusetts, Metropolitan Dist. Comn., 1 Ashburton Pl., let contract building pumping engine at Chestnut Hill Pumping Sta., Brookline, to Worthington Pump & Mchy. Corp., 206 Devonshire St. About $75,900.

★Conn., Bridgeport—City let contract to Bridgeport Constr. Co., 983 Broad St., building Black Rock pumping station, 1 story, 25 x 30 ft., concrete, brick and steel, cost $32,000; Island Brook pumping station, on Berkshire Pond, 1 story, concrete, brick and steel, $30,000.

N. Y., Long Island City—N. J. Hayes, comr. water, gas and electricity, Municipal Bldg., New York City, received bids Nov. 5, for hauling and laying watermains in Beechurst and Jamaica Aves. and North Hempstead Turnpike, from Palidino Constr. Co., 2254 1st Ave., New York City, $36,848; Milvale Constr. Co., $37,828; Murphy Bros., $37,800.

★N. J., Newark—North Jersey Dist. Water Supply Comn., 20 Clinton St., let contract building portion of Wanaque Dam, to W. H. Gahagan, Inc., 147 Remsen St., Brooklyn, $1,429,116. Noted Nov. 4.

★O., Cuyahoga Falls—City let contract building Fall St. Lateral Sewer, to L. L. Stark, Cuyahoga Falls, $14,773.

★Wis., West Bend—See "Sewers."

★Kan., Wagstaff—Missouri Pacific Ry Co., Ry. Exch. Bldg., St. Louis, Mo., let contract building reservoir, dam, pump house, water distribution, etc., here, to J. E. Nelson & Sons, 3240 South Michigan Ave., Chicago, Ill. About $90,000.

Sewers

PROPOSED WORK

N. Y., Syracuse—City plans to sell $125,000 bonds Nov. 16 to build sewers.

Md., Baltimore—City voted $26,000,000 bonds to build sewers, lighting system, schools and engine-houses, and to pave various streets. H. G. Perring, city ch. engr. Noted Aug. 5.

O., Idlewood (Warrensville P. O.)—Village plans to build storm and sanitary sewers and water mains in Wynn Rd. from Raymont to Washington Blvd., Barrington Rd. from Salisbury to Cedar Rds., Cranston Rd. from Silsby to Cedar Rds., Silsby Rd. from Taylor to Warrensville Rds., Eaton Rd. to Meadowbrooke Blvd., cost $41,564; Cedar Rd. from Taylor Rd. to Cedar Brook allotment, Farland Rd. from Silsby Rd. to Cedarbrook allotment, Jackson Blvd. from Cedar to Taylor Rds., Raymont Blvd. from Cedar to Taylor Rds., Tullamore Rd. from Taylor Rd. to Cedarbrook allotment, $65,400. F. A. Pease Eng. Co., 804 Marshall Bldg., Cleveland, engrs.

O., Marion—City voted $1,000,000 bonds to build sanitary sewerage system and sewage disposal plant.

O., Niles—City plans to build storm and sanitary sewers in 1 mi. Salt Spring Rd., cost $31,000; 6,000 ft. in Red Run, $150,000.

Mich., Detroit—City having plans and estimates made for lateral Sewer 3,377 between Chiago Blvd., Joy Rd., Wildemere and Lawton Sts., 3,385 between Eight Mile Rd., Hawthorne, Cardoni and Winchester Sts., 10-24 in. vitr. crock. C. W. Hubbell, city engr.

Mich., Detroit—City plans to build and backfill 895 ft. Lateral Sewer 3,223 between Springwells, Burke, Kirkwood and Wagner Aves., 12-18 in. vitr. crock, etc.; 5,491 ft. Lateral Sewer 3,300 between Six Mile Rd., Marx, St. Aubin and Nevada Aves., 12-33 in. vitr. crock, etc.; 5,805 ft. Lateral Sewer 3,314 between Arlington, Maine, Carpenter and Davison Aves., 12-20 in. vitr. crock, etc; 1,183 ft. Lateral Sewer 3,386 between Oakland, Cameron, Luntz and State Fair Aves., 12-15 in. crock, etc. C. W. Hubbell, city engr.

Ia., Bellevue—City plans to install complete sewerage system. About $60,000. Engineer not announced.

Ia., Ft. Dodge—W. L. Tang, city clk., opens bids in January, building extension to sewerage system. About $40,000. C. H. Reynolds, Ft. Dodge, engr.

Tex., Ft. Worth—City retained G. P. Smith, engr., Ft. Worth, to prepare plans for ditching and laying sanitary sewers in Seminary Hill Addition. About $50,000.

Ariz., Phoenix—City election Nov. 27, to vote on $140,000 bonds to build and extend sewerage system.

Cal., East San Diego (San Diego P. O.)—City voted $100,000 bonds to build trunk and outfall sewerage system.

Cal., Pomona—City plans to build sewerage system, involving 120,000-125,000 lin.ft. 8-12 in. vitr. tile. About $125,000. C. E. Bayley, city engr.

BIDS DESIRED

N. Y., New York—See "Streets and Roads."

O., Garfield Heights (Cleveland P. O.)—Until Nov. 15, by village, building sewers in Garfield Parkway, Greenview, Russell, Edgepark and Robinwood Aves., involving 3,330 ft. 8-12 in. vitr. pipe, 12 manholes. H. Bohning, Turney Rd., Cleveland, clk. Noted Oct. 14.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★N. Y., Long Island City—M. E. Connolly, pres. Queens Boro., let contract building sewer in Beekman St., to Pease Bros., $6,459; in South St., to Rotti & Co., (Type "A"), $35,850; in Pierce Ave., also regulating and grading Maspeth Ave. to C. Kurth, $1,269 and $1,890 respectively. Noted Oct. 28.

★N. J., Paterson—Passaic Valley Sewerage Comrs., 128 Market St., Newark, let contract building portion of Sect. 21, Prospect Branch Sewer, involving 210 lin.ft. earth excav. and refilling in trench for 16 x 24 in. concrete sewer, 100 cu.yd. rock excav., etc., to L. B. Harrison & Co., 141 Bway., New York City, $16,033. Noted Oct. 28.

★N. C., Henderson—City let contract laying 2 mi. 8 in. sanitary sewers, with required manholes and flush tanks, to Tucker & Laxton, Inc., Realty Bldg., Charlotte. About $18,000.

O., Garfield Heights (Cleveland P. O.)—Village received bids building sewers in (a) Plymouth Ave., (b) Park Heights Ave., (c) South Highland Ave., (d) Heinton Ave., East 95th, East 96th and East 97th Sts., from A. Lanese, Columbia Bldg., Cleveland, (a) $12,777, (b) $13,096, (c) $3,253; Salem & George Bros., 237 Bradley St., Cleveland, (a) $14,630, (b) $15,064, (d) $12,245; Gantos Constr. Co., Columbia Bldg., Cleveland, (c) $3,679. Noted Oct. 14.

★Mich., Detroit—City let contracts to V. Teetaert, 5230 Notre Dame St., furnishing labor and material building, and backfilling, 10-24 in. vitr. crock Lateral Sewer 3,310 between Seven Mile Rd., Livernois, Canterbury and Pembroke Sts., $136,630, 3,334 between Springfield, Fairview and Shoemaker Aves and Hearn St., $14,920, 3,367 between Beaconsfield, Rifle Range, Munich and Mack Aves., $42,266; to W. Blanck & Co., 827 Ford Bldg., 3,314 between Arlington Maine, Carpenter and Davison Sts., $35,719, 3,316 between Greely, Dequindre, Davison and Drake Sts., $64,382, 3,366 between Cecil, Braden, Martin and Michigan Sts., $20,938; to S. A. Duponovich, 3,333 between Lumley, Springwells and Kirkwood Sts., $13,100; to Otis Cement Constr. Co., 806 Hammond Bldg., 3,337 betwen Seven Mile Rd., Woodward, Bauman and Carmel Sts., $25,146, 3,339 between Grand Trunk R.R., John R., Greendale and Hildale Sts., $14,980, 3,341 between John R., Savannah and Greendale Sts., $15,936, 3,354 between Seven Mile Rd., Charleston, Exeter and Lantz Sts., $24,591, 3,355 between Seven Mile Rd., Grand Trunk R.R., Exeter and Derby Sts., $16,996; to McCordic Constr. Co., 400 Penob... Bldg., 3,360 between Seven Mile Rd., ... entry, Lindale and Lantz Sts., $7,775; ... between Grand Trunk R.R., John R., Co... try and Lantz Sts., $4,833, 3,362 bet... Lantz St., Oakland, Hawthorne and S... Fair Aves., $13,306, 3,363 between S... Mile Rd., Lindale, Irvington and L... Sts., $23,688, 3,364 between State Fair A... Coventry, Irvington and Lantz Sts., $... 031, 3,365 between State Fair Ave., John... Coventry and Lantz Sts., $3,828; to Lang... & Barton, 3,369 between Buckingham, ... ford Warren and Harper Aves., $62,638 ... Western Constr. Co., 1208 Ford Bldg., 3... between Six Mile Rd., Cardoni and S... Aves., $10,842 Noted Oct. 28.

Mich., Detroit—J. A. Martin, comr. Pu... Wks., received bids Oct. 29, furnishing la... and material, building Sect. 2, Gratiot A... Sewer from point 1,100 ft. northeast of Glenfield Ave. to Joann Rd., involving 4,0... ft. 8 ft. 3 in.-9 ft. 6 in. brick, concrete or segmental block cylinder, from Dept. Pub. Wks., City Hall, $425,000; J. Wagner, 207 West Boston Blvd., $491,100 (concrete), $498,205 (brick); Gawne Contg. Co., 624 Penobscot Bldg., $599,984. Noted Oct. 14.

★Wis., Manitowoc—City let contract building 6-10 in. vitr. sanitary storm sewer, in Western Ave. and Clark St., to W. O. Bahn, 8th St. About $21,000.

★Wis., West Bend—City let contract furnishing labor and material building sanitary sewerage system and excavating and laying water mains in Main and Elm Sts., to Cornillissen & Co., 73 Lincoln St., Sheboygan. About $20,000.

★Ont., London—City will build sewerage system in West London, cost $520,000 and in South London, $80,000. Work will be done by day labor. Price wanted at once on tile up to 36 in. H. A. Brazier, city engr. Noted Oct. 14.

Bridges

PROPOSED WORK

Fla., St. Petersburg—G. S. Gandy, Sr., c/o St. Petersburg Rotary Club, is organizing corporation and plans to build bridge, 40-60 ft. wide, over old Tampa Bay, between here and Port Tampa, Pinellas and Hillsborough Counties. About $2,000,000. Engineer not named.

Ala., Phoenix City—State Highway Dept. of Alabama, (Montgomery), and Georgia, (Atlanta), having designs made by Garrett & Slack, engrs., Bell Bldg., Montgomery, for building concrete arch bridge, 712 ft. long, 26 ft. roadway and two 8 ft. sidewalks, over Chattahoochee River, between here and Columbus, Ga. W. S. Keller, Montgomery, state highway engr.

O., Akron—City voted $250,000 bonds to build new approaches to North Hill viaduct.

O., Fremont—City voted $275,000 bonds to build new bridge across Sandusky River.

O., Coke Otto (Hamilton P. O.)—Comrs. Butler Co., Hamilton, plan to build 450 ft bridge, 25 ft. wide, over Miami River, on Riverside Dr., here, to have five 90 ft. spans, steel or rein.-con. arch. About $390,000.

Wis., Menasha—City plans to build 60 ft. steel bascule bridge over canal, concrete approaches. About $30,000. H. Johnson, Colby-Abbot Bldg., Milwaukee, engr.

Wis., Racine—City soon receives bids building 343 ft. concrete and steel bridge on State St., to have 10 ft. walks and 133 ft. double leaf bascule. About $400,000. Strauss Bascule Bridge Co., 104 South Michigan Ave., Chicago, engrs. Noted March 4.

Missouri — State Highway Dept., New Madrid, received no bids Oct. 25, building pony truss superstructure over Open Bay Ditch, on Sta. 1061 plus 22, cost $7,441; I-beam superstructure over Drainage Ditch 18, on Sta. 907 plus 91, $4,793; pony truss superstructure over Hunter Lateral D.D., on Sta. 769 plus 85, $5,709; skew pony truss superstructure over Drainage Ditch 18, on Sta. 670 plus 30, $8,034. Above bridges on Federal Aid Project 40, New Madrid Co. Noted Oct. 7.

Tex., Ft. Worth—City and Tarrant Co. plan to build ¼ mi. concrete bridge, 32 ft. wide, over Lake Worth, to replace present wooden bridge. About $100,000. E. V. Glenn, Ft. Worth, engr.

Que., Hull—City plans to build new bridge over Pond Creek on Gatineau Point Rd. About $30,000. Engineer not selected.

BIDS DESIRED

Vt., Bridgewater—Until Nov. 23, by State Highway Comr., Montpelier, building steel superstructure for Booth bridge, here.; advertised in this issue.

Bridges (Continued)

North Carolina—Until Nov. 22, by State Highway Dept., Raleigh, building bridge on Federal Aid Project 93 Franklin Co., involving 1,147 cu.yd. Class A concrete, 130,- lb. reinforcing steel, 1,780 lb. expansion plates and bolts, 2,070 lb. untreated timber piling, etc.; bridges on Federal Aid Project 48 B, Northampton Co., 250 cu.yd. Class A concrete, 28,710 lb. reinforcing steel, 810 lb. expansion plates and bolts, etc. W. S. Fallis, state highway engr.

N. C., Kinston—Until Nov. 15, by E. V. Webb, chn. Comrs. Lenoir Co., building several bridges, 5 bridges to have 30 ft. spans and 1 bridge to have three 30 ft. spans. Reinforcing steel to be furnished by county. G. C. White, Durham, engr.

Kan., Norton—Norton Co. receiving bids building 40 ft. T girder rein.-con. bridge, 18 ft. wide, on Sect. 21-3-24, involving 44.7 cu.yd. rein.-con., 298 cu.yd. concrete, 5½ ton steel and 360 lin.ft. wooden piling. Earth approach and fill work will be done by county.

Kan., Oskaloosa—Until Nov. 15, by Jefferson Co., building 30 ft. through girder and 40 ft. skew bridges, Sect. I on C Project 48, involving 113.2 cu.yd. Class A and 168 cu.yd. Class C concrete, 20,585 lb. steel, 1,520 lb. rockers and plates, 75 sq.ft. ½ in. bituminous felt and 30 gal. asphalt filler; 60 ft. rein.-con. through girder, Sect. G Project 48, involving 175.01 cu.yd. Class A and 234.2 cu.yd. Class C concrete, 34,800 lb. steel, 1,876 lb. expansion and pier castings, 40 lin.ft. 4 in. draw tile and 400 lb. asphalt filler. Kansas Eng. Co., Topeka, engrs.

Missouri—See "Streets and Roads."

Tex., Ft. Worth—Until Nov. 18, by H. L. Small, judge Tarrant Co., at office of County Auditor, building 2 steel spans, with abutments and piers over Trinity River on White Settlement Rd. About $30,000. R. V. Glenn, Court House, consult. engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★Mass., Amherst—Town let contract building steel highway bridge, to Berlin Constr Co., Berlin, Conn. About $15,000.

★Pa., Holmesburg (Phila. P. O.)—Home for Indigent, Rhawn St. and State Rd., let contract building 97 ft. bridge, 8 ft. wide, to Mitchell Bros. 2125 Race St., Phila., $27,792.

Mich., Detroit—Dept. Pub. Wks. received bids Oct. 30, building substructure of Belle Isle Bridge, involving 26,000 cu.yd. wet and dry excav., 34,700 cu.yd. rein.-con., 903,000 lb. reinforcing steel, 345,000 lin.ft. wood piling, etc. from G. R. Cooke, Penobscot Bldg., $1,951,850; Amer. Constr. Co., Marion Bldg., Cleveland, $1,959,750; Great Lakes Dredge & Dock Co., 1304 Dime Bank Bldg., $2,483,695. Above bids rejected; work will be readvertised. Noted Oct. 21.

Ill., Chicago—Sanitary Dist. of Chicago, 910 South Michigan Ave., received bids building (1) substructure, (2) superstructure of bascule bridge across main channel on California Ave., (a) Strauss bascule bridge with counterweight pits, (b) without pits, (c) Scherzer rolling lift bridge, from Green & Sons Co., 332 South Michigan Ave., (1a) $567,595, (1b) $535,245, (2a) $553,500, (2b) $623,700; Ketler Elliott Co., 155 North Branch St., (1a) $650,051, (1b) $615,311, (1c) $587,391, (2a) $604,500, (2b) $667,700, (2c) $595,700. Noted Sept. 30.

★Wash., Cosmopolis—Grays Harbor Co. (Montesano) let contract building concrete structure with wooden approaches over High Slough, near here, to Grays Harbor Paving Co., Aberdeen, $15,700.

★Alta., Banff—Dept. Pub. Wks., Ottawa, Ont., let contract building substructure, approach and spans for bridge over Bow River, here, to Fegles Constr. Co. Ltd., Ft. William, Ont., $169,900; structural steel, to Dominion Bridge Co., Lachine, Que., $73,886.

Streets and Roads

PROPOSED WORK

Massachusetts—State Highway Dept., Boston, plans to pave state highway from Connecticut State line to Westfield About $150,000.

Mass., Westfield—Town and Hampden Co. plan to repair 13,791 ft. Southampton Rd. from town line to Pond Rd. About $59,000.

New York—State Highway Dept., 55 Lancaster St., Albany, having plans prepared for building Victor-Mendon Highway, to include overgrade crossing. About $88,000. F. M. Williams, state highway engr.

N. Y., New York—H. H. Curran, pres. Manhattan Bor., rejected bids received Oct. 18, regulating and repaving 2nd Ave., also 125th St. from 2nd to 3rd Aves., wood block. Work will be readvertised. Noted Oct. 21.

N. Y., Syracuse—City plans to sell $18,000 bonds Nov. 16 to build sidewalks, also $450,000 bonds to improve streets, etc.

Pennsylvania—State Highway Dept., Harrisburg, rejected bids received Oct. 13, repaving roads in Blair, Huntingdon, Clinton, Montgomery, Northampton and Somerset Counties. Noted Oct. 21

Md., Baltimore—See "Sewers."

West Virginia—Citizens voted in favor of amendment to State Constitution providing for bond issue of $50,000,000 to build hard surfaced roads throughout state. A. Fortney, Charleston, chn. State Rd. Comn.

N. C., Boone—Watauga Co. sold $25,000 bonds to grade surface and build necessary bridges on portion Daniel Boone Trail Highway.

N. C., Louisberg—Cypress Creek Twp. plans to sell $40,000 bonds to build 5 mi. road from here toward Spring Hope, 30 ft. wide, Franklin Co. M. S. Davis, Louisburg, engr.

Alabama—State Highway Comn., Montgomery, had plans prepared for grading, draining and surfacing 14 mi. Jackson Highway from Axis to Calvert, Mobile Co., gravel, cost $220,000; 20.5 mi. Montgomery-Tuskegee Rd. from Tuskegee to Montgomery Co. line, Macon Co., gravel, $380,000; 12.42 mi. Selma-Mobile Rd., Wilcox Co., gravel, $200,000; 11.18 mi. State Trunk Rd., Montgomery Co., clay gravel, $190,000; 8.02 mi. Hartselle-Cullman Rd., from Morgan Co. line to point 3½ mi. north of Cullman, Cullman Co., bituminous macadam on 2 in. penetration base, $220,000. W. S. Keller, state highway engr.

Alabama—State Highway Comn., Montgomery, soon receives bids grading, draining and surfacing 15.966 mi. State Rd. from Garden City south to Warrior River, Blount Co., bituminous macadam. W. S. Keller, state highway engr.

Ky., Letcher—Comrs. Letcher Co. plan to improve various roads. About $400,000.

O., Garfield Heights (Cleveland P. O.)—Village plans to grade and build culverts on Orchard St., involving 9,039 cu.yd. grading. H. Bohning, Turney Rd., Cleveland, clk.

O., Poland—Mahoning Co. (Youngstown), plans to curb and pave Main St., brick, also repair and pave Youngstown-Poland Rd. and Boardman-Poland Rd., macadam and brick, 10 mi. long, 18 ft. wide. About $900,000.

O., Sandusky—City voted $244,000 bonds to resurface streets in downtown section.

Kan., Atchinson—Atchinson Co. had plans prepared grading and building culverts on 3.077 mi. Parallel White Way, Federal Aid Project 72, 32 ft. wide. About $44,000. R. Kerr, 604 Riley St., engr.

Missouri—State Highway Dept., New Madrid, received no bids Oct. 25, building 19.81 mi. Kings Highway, Federal Aid Project 40, New Madrid Co. About $228,477. Noted Oct. 7.

Mo., Carthage—Jasper Co. had surveys made graveling and building concrete culverts on 6 mi. Carthage-Springfield Rd. About $31,000. F. B. Newton, Carthage, engr.

Okla., Oklahoma—City opens bids in spring grading and paving with concrete 13 mi. various streets, 18 ft. wide. H. C. Adams, 220½ North Robinson St., engr.

Tex., Dallas—Dallas Co. having plans prepared resurfacing 1¼ mi. Dallas Co. Viaduct, 30 ft. wide, asphaltic oil on tar preparation over present wood block pavement. About $15,000. Nagle, Witt, Rollins Co., Court House, co. engrs.

Tex., Ft. Worth—Tarrant Co. having specifications prepared paving about 15 mi. Central Ave. from Main St. to Grand Ave.; Lincoln Ave. from Center to Circle Sts.; Jefferson Ave. from Mississippi to Yuma Aves.; Forest Blvd. from Rosedale St. to Park Pl. Ave.; Park Pl. Ave. from 8th Ave. to Forest Blvd.; Barnard St. from Jennings Ave. to Hemphill St.; Elmwood Ave. from Mississippi to Yuma Aves.; Burnet St from North to 10th Sts.; College Ave. from Capps to Cantey Sts.; College Ave. from Bowie to Lowden Sts.; Galveston Ave. from Tucker to Rosedale Sts.; Evans Ave. from Baltimore to Mulkey Sts. Work involves 98,000 sq.yd. concrete, asphalt or wood block on concrete base. About $500,000.

Ariz., Phoenix—City election Nov. 27, to vote on $45,000 bonds to pave certain streets and alleys.

Wash., Seattle—City rejected bids filling and paving Seattle Blvd., et al. About $178,873. Noted Nov. 4.

Wash., Yakima—City plans to pave, curb and gutter 17 blocks North 3rd, North 4th, B and C Sts., et al, 32 to 50 ft. wide, one course portland concrete cement, bituminous concrete or bitulithic pavement on portland cement or concrete or block base. C. F. Wilson, Yakima, engr.

Cal., Riverside—Bd. Supervs. Riverside Co. plans to pave 17.1 mi. Impvt. Dist. 7, 9 ft. wide, 5 in. concrete, reinforced with metal fabric. About $323,000. A. C. Fulmor, co. engr.

Que., Montreal—Administrative Comn. has provided $1,000,000 in 1921 budget for street paving work.

Manitoba—Provincial Government, Winnipeg, receives bids in spring building 756 mi. roads and 63 bridges. About $2,225,000.

BIDS DESIRED

N. Y., Brooklyn—Until Nov. 17, by E. Riegelmann, boro. pres., Boro Hall, regulating and repaving with permanent asphalt on concrete foundation roadway of Conover St. from Sullivan to Wolcott Sts., Sullivan St. from Conover to Van Brunt Sts., Fair St. from Prince St. to Fleet Pl.; Grade 1 granite on 6 in. concrete foundation (old granite blocks recut) roadway of Freeman St. from West St. to Manhattan Ave., Liberty St. Plaza at Brooklyn Bridge, 53rd St. from 1st to 2nd Aves.; Grade 1 granite on concrete foundation (old granite blocks recut), Jay St. from Front to Prospect Sts., Prospect St. from Jay to Bridge Sts.; permanent asphalt on 6 in. concrete foundation, Kingsland Ave. from Meeker Ave. to Withers St., and from Skillman to Maspeth Aves., Withers St. from Havemeyer St. to Union Ave., Starr St. from Irving to Wyckoff Aves., Stanhope St. from Myrtle to Wilson Aves., 82nd St. from Narrows Ave. to Colonial Rd.; permanent asphalt and Grade 1 granite on 6 in. concrete foundation (old granite blocks recut), Nostrand Ave. from Empire Blvd. to Flatbush Ave.

N. Y., New York—Until Nov. 18, by H. H. Curran, pres. Manhattan Boro., Room 2034, Municipal Bldg., regulating and repaving with sheet asphalt on concrete foundation, roadway of West End Ave. from 74th to 91st Sts. and from 69th to 72nd Sts., also 33rd St. from 1st to 3rd Aves.

N. Y., New York—Until Nov. 18, by H. Bruckner, pres. Bronx Boro., Municipal Bldg., Crotona Park, Tremont and 3rd Aves., regulating, grading, curbing, laying sidewalks, etc., on Sacket Ave. from Williamsbridge to Eastchester Rds., also protecting with rock fill outlet of sewer in White Plains Ave. and East River, in connection with extension of sewer 100 ft. north of bulkhead line to pier head line.

N. J., Newark—Until Nov. 16, by Dept. Street & Pub. Impvts., City Hall, improving Ridgewood Ave. from West Runyon Pl. to north side of Hawthorne Ave. and from south side of Hawthorne Ave. to Marie Pl., involving 5,250 sq.yd. asphalt pavement, 750 lin.ft. new bluestone curb, 1,850 lin.ft. old curb redressed and 500 sq.ft. new cement sidewalks.

N. J., South Orange—Until Nov. 16, by Twp. Comn., improving Union Ave. from Irvington Ave. to point 1,119 ft. south, involving 1,000 cu.yd. earth excav., 3,300 sq. yd. 8 in. macadam pavement, 2,300 ft. cement curbs and gutters, etc. E. R. Halsey, 164 Market St., Newark, twp. engr.

Pa., Phila.—Until Nov. 16, by Dept. Pub. Wks., City Hall, grading Charles, Erdrick, Montague, Algard, Cottage and Gillespie Sts., from Tyson to Princeton Sts. Rockland and Eleanor Sts. from A to D Sts., Ella, Ormes, Rosehill and Boudinot Sts. from Ruscomb to Rockland Sts., B and C Sts. from Eleanor to Ruscomb Sts. (Schedule A); asphalt paving Annsbury St. from 5th to 6th Sts., Darien St. from Bristol to Cayuga Sts., Jasper St. from Bucklus to Frankford Sts., Lawrence St. from Tabor to Olney Sts., 7th St. from Chew to Nedro Sts., 62d St. from Lebanon St. to point 570 ft. south of Lancaster Ave. (Schedule B); furnishing and delivering c.i. counterweights for Passyunk Ave. Bridge, over Schuylkill River (Schedule C); furnishing motor trucks and teams for 7th Highway Dist. for remainder of 1920 (Schedule D); furnishing lumber for stable (Schedule E);

Streets and Roads (Continued)

furnishing cement, sand, stone, slag and pebbles (Schedule F); furnishing material and equipment for division street cleaning (Schedule G.) F. H. Craven, dir.

Maryland—Until Nov. 16, by State Rd. Comn., 601 Garrett Bldg., Baltimore, grading and draining 3.04 mi. state highway from Little Gunpowder Falls toward Aberdeen, Harford Co.—Contr. H-26; advertised in this issue.

D. C., Wash.—Until Nov. 16, by Dist. Comrs., Dist. Bldg., grading 16,500 cu.yd. Connecticut Ave N. W., from Pierce Mill Rd. to Chappell Rd.

North Carolina—Until Nov. 22, by State Highway Comn., Raleigh, improving 8¼ mi. road between Hornet Creek and city limit of Whitakers, Federal Aid Project 73, 18 ft. wide, Nash Co., involving 12 acres clearing and grubbing, 48,700 cu.yd. common excav., 22,750 cu.yd. topsoiling, 1,599 cu.yd. Class A and 86 cu.yd. Class B concrete, 149,590 lb. reinforcing steel, 5,340 ft. untreated timber piles, 1,210 lb. expansion plates and bolts, etc.; 7.63 mi. road between Wilson-Wayne Co. line and Wiggins Mill, Federal Aid Project 127, 18 ft. wide, Wilson Co., 5 acres clearing and grubbing, 22,700 cu.yd. common excav., 20,050 cu.yd. topsoiling, 220 cu.yd. Class A and 63 cu.yd. Class B concrete, 27,500 lb. reinforcing steel, 510 ft. untreated timber piles, 470 lb. expansion plates and bolts, etc., 6¼ mi. road between Wilson Twp. line and Wilson-Nash Co. line, Federal Aid Project 117, 18 ft. wide, Wilson Co., 5 acres clearing and grubbing 20,100 cu.yd. common excav., 16,500 cu.yd. topsoiling, 25,000 cu.yd. overhaul 271 cu.yd. Class A and 28 cu.yd. Class B concrete 24,510 lb. reinforcing steel, 230 lb. plates and bolts, etc. W. S. Fallis, state highway engr.

Georgia—Until Nov. 30, by State Highway Dept., at office of W. C. Caye, Jr., div. engr., Americus, building 5 mi. Georgetown Ft. Gaines Rd. Work involves 30,500 cu.yd. common and 1,726 cu.yd. borrow excav., 2 acres clearing and grubbing, 39,232 sta.yd. overhaul, 13,094 cu.yd. sand clay surfacing, 194 lin.ft. 18-24 in. pipe, 19.44 cu.yd. headwall concrete, 32.96 cu.yd. Class "A" concrete and 2,119 lb. reinforcing steel.

Ala., Columbiana—Until Nov. 22, by Bd. Revenue, Shelby Co., building road from Vincent via Calcis, Sterrett, Vandiver and Dunnavant to Shelby Co. line, on top of Oak Mountain.

O., Middletown—City receiving bids grading, draining, laying water mains and paving Hydraulic St., brick or asphalt. About $35,000.

Indiana—By Bd. Co. Comrs. building roads in following counties:

Nov. 15, Lake Co., Crown Point, A. J. Burns et al Rd., in North Twp., gravel. G. M. Foland, aud.

Nov. 22, Shelby and Bartholomew Counties, Shelbyville, 13,210 ft. G. K. Smith Rd., on county line between Shelby and Bartholomew Counties and between Washington Twp., Shelby Co. and Hancock and Flat Rock Twps., in Bartholomew Co., gravel. W. W. Leslie, aud.

Kan., Columbus—Until Dec. 1, at office of County Clerk, building 2.95 mi. Sect. A, Federal Aid Project 71 and 13.005 mi. Sect. A, Federal Aid Project 72. C. M. Cooper, co. engr.; advertised in this issue.

Kan., Oskaloosa—Until Nov. 15, by Comr. Jefferson Co., building 56,641 ft. road on Sect. C Project 48, 18 ft wide, involving 1,436 lin.ft. 18-36 in. rein.-con. pipe, 197.75 cu.yd. Class A and 109.95 cu.yd. Class C concrete, 30,186 lb. steel, 72,619 cu.yd. earth and 2,180 cu.yd. solid rock excav., 13,739 sq.yd bituminous macadam, etc. Kansas Eng. Co., Topeka, engrs.

Kan., Oskaloosa—Until Nov. 15, by Jefferson Co., grading, paving and building culverts on 75,484 ft. Sect. A and B of County Project 48, 18 ft. wide, involving 1,496 lin.ft. 18-36 in. rein.-con. pipe, 629.8 cu.yd. Class A and 227.5 cu.yd. Class C concrete, 41,615 lb. steel, 89,450 cu.yd. earth and 1,000 cu.yd. solid rock excav. and 151,281 sq.yd. bituminous macadam. Kansas Eng. Co., Topeka, engrs.

Missouri—Until Nov. 19, by State Highway Dept., Salem, building 10.5 mi. state road from Salem, westward, State Aid Project S 20.11, Dent Co., involving 51,156 cu.yd. earth and 30 cu.yd. rock excav., 11,709 cu.yd. borrow, 100 cu.yd. per 100 ft. overhaul, 237.7 cu.yd. Class "B" and 88.4 cu.yd. Class "C" concrete masonry, 21,848 lb. reinforcement for concrete masonry, 844 lin.ft. 12-48 in. corrugated iron pipe culvert, cost $37,989; rein.-con. slab superstructure, on Sta. 638 plus 18, 1.8 cu.yd. Class "A" and 73.1 cu.yd. Class "B" concrete, 5,140 lb. reinforcing steel, $2,952; rein.-con. slab superstructure, on Sta. 443 plus 75, 2.1 cu.yd. Class "A" and 77.2 cu.yd. Class "B" concrete, 5,760 lb. reinforcing steel, $3,242, both on above project.

Missouri—Until Nov. 24, by State Highway Dept., California, building various sections of Southern Highway, State Aid Project S 20.14, Moniteau Co., .98 mi. (Cole Co. line relocation) 24 ft. wide, involving 6,393 cu.yd. earth and 2,000 cu.yd. rock excav., 29.1 cu.yd. Class "B" concrete masonry, 2,131 lb. reinforcement for concrete masonry, cost $10,381; .84 mi. (McGirk relocation), 24 ft. wide, 3,484 cu.yd. earth excav., 5.6 cu.yd. Class "C" concrete masonry, etc., $3,025; .69 mi. Sect. A Clarksburg Project), 24 ft. wide, 2,738 cu.yd. earth and 400 cu.yd. rock excav., 7.4 cu.yd. Class "B" concrete masonry, 560 lb. reinforcement for concrete masonry, $3,240; .8 mi. (Sect. B Clarksburg Project), 24 ft. wide, 3,223 cu.yd. earth excav., 31.2 cu.yd. Class "B" concrete masonry, 2,034 lb. reinforcement for concrete masonry, $3,557; .95 mi. (Brants Relocation), 24 ft. wide, 5,798 cu.yd. earth excav., 4.8 cu.yd. Class "C" concrete masonry, etc., $4,692.

Tex., Ballinger—Until Nov. 18, by O. L. Parish, judge, Runnels Co., grading, surfacing and draining 5.76 mi. Wichita Valley or Ballinger-Abilene Rd., involving 5,288 cu.yd. borrow and 27,114 cu.yd. earth excav., 17,720 lb. reinforcing steel, 12,291 cu.yd. gravel, to be furnished by county, 216.5 cu.yd. Class "A," 34.5 cu.yd. Class "B" and 2.7 cu.yd. Class "C" concrete. About $50,530. J. L. Dellis, co. engr. Noted June 10.

Tex., Nacogdoches—Until Nov. 15, by J. M. Marshall, judge Nacogdoches Co., grading, surfacing and building rein.-con. and steel bridges and culverts on 19.58 mi. Highway 35, Federal Aid Project 201, involving 143 acres clearing and grubbing, 67,927 cu.yd. earth borrow, 65,765 cu.yd. earth and 844 cu.yd. loose rock excav., 239,472 lb. structural and 46,043 lb. reinforcing steel, 44,871 cu.yd. gravel to be furnished by county, 422.9 cu.yd. 1:2:4, 278.08 cu.yd. 1:2½:5 and 133.28 cu.yd. 1:3:6 concrete etc., cost $249,822; 9.73 mi. Highway 35 from here to Angelina Co. line, 68 acres clearing and grubbing, 22,971 cu.yd. borrow and 38,211 cu.yd. earth excav., 7,724 lb. reinforcing steel, 19,043 cu.yd. gravel to be furnished by county, 66.76 cu.yd Class "A," 45.37 cu.yd. Class "B" and 47.48 cu.yd. Class "C" concrete, etc., $118,200; including 10% for enginering and contingencies; 23.17 mi. Highway 21 from Gonzales to San Augustine, 169 acres clearing and grubbing, 89,449 cu.yd. borrow and 132,381 cu.yd. earth excav., 60,319 lb. reinforcing and 344,741 lb. structural steel, 45,389 cu.yd. gravel, 688.2 cu.yd. Class "A," 323.3 cu.yd. Class "B" and 176.9 cu.yd. Class "C" concrete, etc., $318,600. L. Acker, co. engr. Noted July 22 and Aug. 5.

Wash., Montesano—Until Nov. 19, by city, grading, clearing, grubbing and installing cement culverts, walks, etc., on Boone St., et. al. About $65,000. A. H. Blood, Aberdeen, engr.

Quebec—Until Dec. 17, by Dept. Pub. Rds., Quebec, building 20 mi. Sherbrooke Highway. About $300,000.

Ont., Westboro—Until March 30, by J. Gamble, city clk., building 4 mi. macadam roadway. About $40,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Chelsea**—City let contract resurfacing various streets, involving 2,000 sq.yd. Warrenite-bitulithic, to Warren Bros. Co., 142 Berkeley St., Boston.

★**Conn., New Haven**—City let contract paving Portsea and Water Sts., concrete, to C. D. Blakeslee & Son, 58 Waverly St. Cost to exceed $15,000.

★**N. Y., New York**—H. H. Curran, pres. Manhattan Boro, let contracts regulating and repaving Lexington Ave. and 125th St. from 1st to 2d Aves., to W. J. Fitzgerald, 150 Nassau St., $62,164 and $49,360, respectively; 125th St. from 2d to 3d Aves., and Lexington Ave., to P. J. Kearns, 2306 Creston Ave., $41,727 and $9,974, respectively; Washington St., to O'Rourke Constr. Co., $218,413; East 24th St., to Burnside Contg. Co., 270 Burnside Ave., $29,085. Noted Oct. 21.

N. Y., New York—H. H. Curran, pres. Manhattan Boro., received bids Nov. 1, regulating and repaving (a) Chambers St. from Greenwich to West Sts., (b) Canal St. from Centre St. to Bway., from C. Hellbrock. (a) $20,278. (b) $19,598; P. J. Kearns, 2306 Creston Ave., (a) $21,1[illegible] $21,919. Noted Oct. 28.

N. Y., New York—H. H. Curran, Manhattan Boro., received bids N[illegible] regulating and repaving with sheet as[illegible] West 5th St. from 7th to 9th Aves.; J. L. Brusstar, Harlem River and [illegible] St., $39,416; Asphalt Constr. Co., 2197 ison Ave., $40,802; W. J. Fitzgerald, West 45th St., $41,531. Noted Oct. 28.

★**N. J., Roosevelt**—Bd. Freeholders dlesex Co. (New Brunswick), let co[illegible] paving Blazing Star Rd., here, inv[illegible] 8,256 sq.yd. bituminous concrete, to [illegible] Constr. Co., 6 Spring St., New Brun[illegible] $55,348.

★**Pennsylvania**—State Highway [illegible] Harrisburg, let contract repaving Ro[illegible] Indiana Co., to McCrady Bros., [illegible] Braddock, $248,648; Route 11, Luzer[illegible] to H. B. Sproul Constr. Co., Inc., 218 A[illegible] Ave., Scranton, $109,467; Route 176 coming Co., to R. J. DeLong, 229 We[illegible] St., Williamsport, $44,696; Route 181, [illegible] and South Strabane Twp., Washington [illegible] to Burgess & Dorrier, Scottsville, Va., $[illegible] 495. Noted Oct. 21.

★**Pa., Tullytown**—Comrs. Bucks [illegible] Doylestown, let contract building 7,18[illegible] Main St., concrete, part of Pennsylvania State Highway, to B. Foster Co., Pitts[illegible] burgh, $117,371.

★**North Carolina**—State Highway Comm., Raleigh, let contract building 3,937 road between Grants Creek and Salisbury, Federal Aid Project 57, 16 ft. wide, Rowan Co., involving 6,210 sq.yd. "Topeka" surfacing and 7,100 sq.yd. combination concrete header and base course, to R. M. Hudson Co., Candler Annex, Atlanta, Ga., $24,353. Former contract rescinded. Noted July 29, under "Salisbury."

Louisiana—Bd. State Engineers, Room 332, Maison Blanche Annex Bldg., New Orleans, received bids building (1) 8.35 mi. Sect. A, Covington-Hammond Highway, (2) 12.51 mi. Sect. C, Covington-Slidell Highway, (3) 13.1 mi. Sect. D, Covington-Slidell Highway, St. Tammany Parish, from Holton Lumber Co., Uneedas, (1) $104,471; Lawrence Nixon & Phillips, Jackson, Miss., (1) $106,137; (2) $112,393, (3) $86,705; Peterman & Loustalot, Franklin, (1) $108,977, (2) $107,607, (3) $85,381; J. D. O'Reilly, Camp and Common Sts., New Orleans (2) $120,379; St. Tammany Constr. Co., Covington, (3) $86,322.

★**Ohio**—State Highway Dept. at office of Comrs. Scioto Co. (Portsmouth) let contract to S. Monroe & Sons, Portsmouth, grading, building bridges and culverts and paving 1.997 mi. Sect. B Portsmouth-Oakhill Rd., monolithic brick, $96,861; 1.794 mi. Sect A-3 Portsmouth-Jackson Rd., monolithic brick $94,894; to A. E. Simpson, Portsmouth, 2.998 mi. Sect. B-1 Portsmouth-Lucasville Rd., waterbound gravel, $48,094. Noted Oct. 21.

O., Garfield Heights (Cleveland P. O.)—Village received bids Oct. 25, paving Christina Ave., involving 25,350 sq.ft. asphalt, from Cleveland Trinidad Paving Co., The Arcade, Cleveland, $20,296; Enterprise Paving & Constr. Co., 8440 Bway., Cleveland, $21,031. Noted Oct. 14.

★**Michigan**—State Highway Dept., Lansing, let contract grading, draining and surfacing 2.918 mi. Federal Aid Project 33, Sect. C, 16 ft. wide, Alcona Co., involving 27,391 sq.yd. gravel surface, 314 lin.ft. tile culverts, etc., to J. Decker, Rogers, $42,139; grading and surfacing 3.191 mi. Federal Aid Project 51, Sect. A, 16 ft. wide, Sanilac Co., 29,886 sq.yd. gravel, 368 lin.ft. tile culverts, etc., to Wilton & Karrer, Port Huron, $53,967; grading and draining 4.515 mi. State Trunk Line Rd. 54-5, Sects. B, C and E, Newaygo Co., to Kalamazoo Constr. Co., Kalamazoo, $55,415. Sect. B involves 68,709 cu.yd. earth excav., at $0.55 per cu.yd., 36 lin.ft. 18 in. encased tile culvert, $4, 1,694 lb. steel reinforcement, $0.10, 22.6 cu.yd. 1:2:4 and 22.5 cu.yd. 1:2:6 concrete, $25 each, etc.; Sect. C, 17,425 cu.yd. earth excav., $0.55, etc.; Sect. E, 8,109 cu.yd. earth excav., $0.55, 1,152 lb. steel reinforcement, $0.10, 13.5 cu.yd. 1:2:4 and 61.2 cu.yd. 1:3:6 concrete, $25 each, etc. Noted Oct. 21 under "Harrsville and Newaygo."

★**Michigan**—State Highway Dept., Lansing, let contract grading, draining and surfacing State Trunk Line Rd. 20-7, Sect. B, Clare Co., involving 10,780 cu.yd. earth excav., 13,956 sq.yd. gravel, etc., to W. Pierson and W. H. Allswede Hersey, $19,904.

★**Michigan**—State Highway Dept., Lansing, let contract grading, draining and surfacing 1.582 mi. State Trunk Line Rd. 16-

Streets and Roads (Continued)

20 ft. wide, to Bd. Rd. Comrs. Wayne Co., Detroit, $115,563. Work involves 6,022 cu.yd. earth excav., at $1.25 per cu.yd. 6,100 ft. 18 in. vitr. tile drain, $2.50, 35 lin.ft. 18 in. encased tile culvert, $4, 282.5 cu.yd. 2:4 concrete, $50, 6,652 lb. steel reinforcement, $0.08, 49,500 lb. steel I beam, 6, 18,567 sq.yd. concrete pavement $4. Noted Oct. 7, under "Detroit."

★**Michigan** — State Highway Dept., dir. office, Port Huron, let contract grading and draining 5.322 mi. State Trunk Line Rds. 3-4 and 21-13, Sects. A, St. Clair Co., to A. J. Smith Constr. Co., 119 West Fort St., Detroit, $26,085. Noted Oct. 14.

★**Ill., West Frankfort**—City let contract grading, paving, etc., 3 blocks Logan St., to L. Dorris, Harrisburg, $23,936. Work involves 3,605 sq.yd. concrete, 2,952 lin.ft. integral curbing and 2,430 cu.yd. earth excav.

Wisconsin—State Highway Comn., at div. office 8, 1st Natl. Bank Bldg., Superior, received bids Oct. 6, grading Ashland-Iron River Rd., Federal Aid Project 121, Bayfield Co., from Swanson & Johnson, Superior, $176,461; McGucken Constr. Co., 425 East Water St., Milwaukee, $223,222; Universal Eng. Co., Eau Claire, $244,387. Noted Sept. 30.

★**Ia., Muscatine**—Muscatine Co. let contract grading, draining and building bridges and culverts on 14 mi. River to River Rd. from Moscoe to point near Stockton, involving 115,000 cu.yd. excav., to Littig Constr. Co., 50 1st Natl. Bank Bldg., Davenport. About $67,000. Noted July 29.

★**Ia., Vinton**—Benton Co. let contract paving 9 mi. Vinton and Belle Plaine Rd., to Moore-Yound Constr. Co., Waterloo, $420,971.

★**Minn., Hibbing** — City let contract for 21,000 sq.yd. Warrenite-bitulithic pavement, to General Contg. Co., 1254 Plymouth Bldg., Minneapolis.

★**S. D., Huron**—Comrs. Minnehaha Co. let contract graveling 6 mi. West 12th St. Rd., to L. E. Gage Constr. Co., Huron, $25,680; 11 mi. Garretson Rd., to W. R. Larson, Huron, $33,295.

★**Missouri**—State Highway Dept., Doniphan, let contracts to Doniphan Special Rd. Dist., c/o J. D. Gerlach, Doniphan, building 14.45 mi. Doniphan-Alton State Rd. (Pine-Barclay Special Rd. Dist.) 24 ft. wide, Federal Aid Project 21, Ripley Co., cost $50,117; rein.-con. skew slab superstructure and 1 concrete pier, on Sta. 735 plus 90, on above project, $6,905. Noted Oct. 21.

Missouri — State Highway Dept., Cassville, received bids Oct. 27, building 4.88 mi. Monett-Neosha Rd. (Monett Special Rd. Dist.), Federal Aid Project 121, Sect. A, Barry Co., involving (a) 31,052 cu.yd. earth excav., (b) 2,318 cu.yd. borrow, (c) 45,916 sq.yd. gravel surface course, (d) 437.9 cu. yd. Class "B" concete masonry, (e) 10.2 cu.yd. Class "C" concrete masonry, (f) 31,168 lb. reinforcement for concrete masonry, etc., from M. E. Gilloiz, Monett, (a) $0.55 per cu.yd., (b) $0.55, (c) $0.40, (d) $22, (e) $21, (f) $0.08, total $52,730; Ozark Paving Co., Joplin, (a) $0.55, (b) $0.55, (c) $0.40, (d) $24, (e) $23, (f) $0.09, total $53,937. Noted Oct. 14.

Missouri — State Highway Dept., Potosi, received bids Oct. 29, building 2.58 mi. De Soto-Potosi State Rd. from Jefferson Co. line southwestward, State Aid Project S 20.10, Washington Co., involving (a) 11,403 cu.yd. borrow, (d) 18,712 sq.yd. specification C gravel pavement, (e) 32.5 cu.yd. Class "B" concrete masonry, (f) 43 cu.yd. Class "C" concrete masonry, etc., from W. J. Knorpp, De Soto, (a) $0.55, (b) $2, (c) $0.40, (d) $0.30, (e) $25, (f) $22.50, total cost $22,337; W. R. Hanby, Potosi, (a) $0.55, (b) $2, (c) $0.50, (d) $0.31½, (e) $25, (f) $22.50, total cost $23,250.

Tex., Cameron—Milam Co. received bids Oct. 28, grading, surfacing and draining 8.769 mi. Highway 36, Temple Rd., from A. C. Buchanan & Son, Temple, $64,243; Mineral Springs Constr. Co., Mineral Springs, Ark., $66,005; Starkey, Smith & James, Houston, $69,683. Noted Oct. 21.

Tex., Dallas—Dallas Co. received bids Oct. 28, grading and building rein.-con. bridges, culverts and viaducts on 18.08 mi. Highway 1, Garland Rd., from Womack Constr. Co., Houston, $331,019. No bids received on concrete pavement. Work involves 58,425 cu.yd. borrow, 79,543 cu.yd. earth and 4,443 cu.yd. solid rock excav., 381,934 lb. reinforcing steel, 3,356.3 cu.yd. Class "A" and 1,468.05 cu.yd. Class "B" concrete, etc. Noted Sept. 30.

★**Tex., El Paso**—El Paso Co. let contract grading and draining 12.61 mi. Highway 1, Fabens Rd., to Lee-Moor Contg. Co., Two Republics Bldg., $50,851; including 10% for engineering and contingencies. Work involves 86,551 cu.yd. earth borrow, 104,754 cu.yd. earth excav., 486 cu.yd. Class "A" concrete, 32,418 lb. reinforcing steel, etc. Noted Nov. 4.

Nevada — State Highway Dept., Carson City, received bids Oct. 25, building portion of State Highway System, between Bowers Mansion and Lakeview, Washoe Co., from W. J. Schmidt, Riverside Hotel, Reno, $19,674; Armstrong & Baker, 655 Eureka Ave., Reno, $24,037.

Wash., North Yakima—Yakima Co. received bids Oct. 25, grading and paving 4 mi. Highway from Wapato to Donald, 20 ft. wide, from R. M. Hardy, Yakima, concrete base, asphalt or concrete surface, $77,801; Standard Asphalt Co., Portland, Ore., concrete base, black top, $82,411.

★**Wash., Seattle**—City let contract building concrete walks on Westlake Ave. et al. to D. H. Traphagen, Walker Bldg., $29,001. Noted Nov. 4.

California — State Highway Comn., 515 Forum Bldg., Sacramento, received bids Oct. 25, improving (a) 5.9 mi. State Highway, Route 15, Sect. B, Div. 3, Sutter Co., Federal Aid Project 62, Wadsworth Canal to Yuba City, (b) 8.1 mi. Route 10, Sect. B, Kings Co., westerly boundary to 1 mi. north of Lemoore, (c) 12.3 mi. Route 10, Sect. F, Div. 6, Fresno Co., Federal Aid Project 50, easterly boundary to Huron Rd. from J. Doyle, San Jose, (a) $148,341; M. Blumenkranz Farmers & Merchants Bank Bldg., Stockton, (a) $173,606; C. M. Benson, Los Angeles, (a) $188,005; Bates & Borland, Oakland Bank Savings Bldg., Oakland, (b) $412,691; G. F. Atkinson, Portland, Ore., (b) $415,961, (c) $258,621.

★**Cal., Fresno**—City let contract improving various streets, involving 4,766 sq.yd. Warrenite-bitulithic pavement on 4 in. concrete foundation and 6,667 sq.yd. on 3½ in. asphaltic concrete, to Thompson Bros., 1514 H St.

★**Cal., Modesto**—City let contract improving various streets, involving 3,006 sq.yd. Warrenite-bitulithic pavement on 4 in. asphaltic concrete, to Standard Paving Co., 9th and N Sts.

★**Cal., Riverside**—Bd. Supervs. Riverside Co. let contract paving Elsinore Corona Rd., to R. T. Shea Co., 169 West 7th St., $23,661.

Railways

PROPOSED WORK

North Carolina—Norfolk Southern R.R., Norfolk, Va., having surveys made for revision of alignment and grade reduction, including 4 or 5 extensive separate revisions. Work involves steam shovel work. Cost, several hundred thousand. F. L. Nicholson, Norfolk, ch. engr.

Michigan—Michigan Elevated Ry. Co., 711 Dime Bank Bldg., Detroit, applied to Pub. Utilities Comn., Lansing, for permission to construct first unit of elevated railway system from Detroit to Royal Oak. Work involves double system of monorail tracks supported on columns, set in heavy concrete foundations. About $491,000 per mi.

Ontario—Hydro Electric Power Comn. of Ontario, University Ave., Toronto, plans to build about 45 mi. electric railway from St. Thomas to Simcoe. F. A. Gaby, ch. engr.

BIDS DESIRED

Quebec—Until Nov. 30, by F. P. Brady, genl. mgr., Canadian Natl. Ry., Bank of Toronto Bldg., Montreal, clearing, fencing, grading, building bridges and culverts from Mile 35.16 Lachute Subdivision near Rinfret Junction to Mile 23, Grenville Subdivision near Fresniere, Two Mountains Co. H. T. Hazen, 27 Wellington St. E., Toronto, Ont., ch. engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**British Columbia**—Miami Corp., 137 South La Salle St., Chicago, Ill., let contract building 5 mi. logging railway, including clearing, grading right of way, trestles, bridges, etc., from Fraser River, to Timber Limit W., to Northern Constr. Co., Carroll St., Vancouver. About $400,000.

Excavation and Dredging

PROPOSED WORK

Tenn., Memphis — Dredging — Big Creek D.D., Shelby Co., plans to enlarge Big Creek channel and cutoffs to reclaim 21,000 acres bottom land. About $250,000. Gaines & Carlisle, Falls Bldg., engrs.

Ill., Quincy — Drainage — Bd. Supervs. Long Island D. D. having surveys made for 6 mi. drainage work north of here. About $800,000. W. P. Bushnell, Quincy, ch. engr.

Wis., Manawa—Ditch—Waupaca Co. Drainage Bd. rejected bids received Oct. 23, for 16,000 cu.yd. ditching. Work will be readvertised. L. Schindler, 721 Clark St., Appleton, engr. Noted Oct. 14.

Tex., Ft. Worth—Dredging—City plans to dredge Trinity River from Paddock Viaduct to point near Lake Worth, also dig canal to connect with Lake. Plans also include 2 locks and dams to permit boats to run from here to Lake. About $250,000. W. D. Davis, mayor.

BIDS DESIRED

Fla., Tampa—Dredging—Until Nov. 22, by Bd. of Port Comrs., dredging 300 x 800 ft. slip. Former bids rejected. B. Thompson, city engr. Noted Oct. 7.

Miss., Cleveland—Ditches—Until Nov. 18, by Drainage Comrs. Merigold D. D. Bolivar Co., excavating Ditch 1, involving 82,258 cu.yd. excav., Ditch 2, 14,509 cu.yd.; Ditch 3, 28,596 cu.yd.; Ditch 4, 23,028 cu.yd.; Ditch 5, 6,168 cu.yd.; Ditch 6, 4,888 cu.yd. W. W. Boone, engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Ill., Rochelle—Ditches and Drains—Gardner & Gardner, attys., Rochelle, received bids Oct. 26, building ditches and drains in Brush Grove D.D., Lee and Ogle Counties, from Streator Drain Tile Co., Streator, $25,000; McWilliams Dredging Co., 332 South Michigan Ave., Chicago, $97,887; H. Johnson, Sterling, $100,000; Carpenter-Henderson Co., 118 North La Salle St., Chicago, $105,000. Work involves 261,000 cu.yd. excav. and 25,200 ft. 12-27 in. tile. Noted Oct. 14.

★**Wis., Sheboygan**—Drainage—Sheboygan Co. Drainage Bd. let contract for labor for building Drainage Projects 1 and 2, to J. Von Deusseler Co., Sheboygan; furnishing and laying 20,000 ft. 6-10 in. drain tile, to Badger Cement Tile Co., Plymouth. Total cost about $25,000. Noted Sept. 23.

★**N. B., St. John**—Dredging—Dept. Pub. Wks., Ottawa, let contract dredging in deep water berths, to J. A. Gregory, West St. John, $0.32 per cu.yd. Total cost about $38,000.

Industrial Works

PROPOSED WORK

Me., Old Town—Bangor Ry. & Electric Co., 90 Harlow St., Bangor, plans to build 2 story, 70 x 75 ft. brick, steel and concrete sub. and pumping station, here. Crowell & Lancaster, Exch. Bldg., Bangor, archts.

Conn., Jewett City—Fisk Rubber Co., Chicopee Falls, does not plan to build factory, here. This item erroneously reported in our issue of Oct. 28.

Conn., Waterbury—R. Chatfield, West Main St., soon lets contract building 4 story, 44 x 110 ft. brick and steel warehouse, concrete foundation, on Riverside St. Private plans.

N. Y., New York—D. Kraus, c/o J. P. Whiskeman, archt. and engr., 153 East 40th St., having plans prepared for 2 story, 100 x 150 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on 126th St. and Bway.

N. J., Maurer—Barber Asphalt Paving Co., Land Title Bldg., Phila., having plans prepared by Lockwood-Green, archts. and engrs., 101 Park Ave., New York City, for power house, manufacturing and machinery buildings, rein.-con. and steel, rein.-con. flooring, concrete foundation, here. About $1,000,000.

N. J., New Brunswick— F. H. Bent, state archt., 142 West State St., Trenton, opens bids about Nov. 17, building 2 story, 50 x 80 ft. ceramic plant, brick and terra cotta, here, for State Building Comn., Trenton. About $100,000. Noted April 29.

Pa., Great Bend—N. H. Parke Leather Co. having plans prepared by Lockwood-Green, archts. and engrs., 101 Park Ave., New York City, for 3 story, 75 x 200 ft., rein.-con. and steel tannery, rein.-con. flooring, concrete foundation, here. About $150,000.

Industrial Works (Continued)

Pa., Pittsburgh—Pittsburgh Truck Mfg. Co., 609 Neville St., having plans prepared by C. W. Hodgson, archt., Martin Bldg., for 1 and 2 story, 100 x 100 ft. garage and repair shop, brick and steel, rein.-con. flooring, on 44th St., along tracks of Pennsylvania R.R. About $75,000.

Ala., Tuscaloosa—State Health Comn., Montgomery, having plans prepared by D. O. Whilldin, archt., Title Guaranty Bldg., Birmingham, for 1 story, 50 x 136 ft. bakery and kitchen, rein.-con. and brick, at Brice Insane Hospital, here. About $75,000.

La., New Orleans—Marine Iron Wks., 1008-1014 Magazine St., plans to build 2 story, 73 x 113 ft. machine, boiler and blacksmith shop. About $75,000. J. De Tarnowsky, 602 Canal Bank Annex, archt. and structural engr.

O., Ashtabula—City voted $1,000,000 bonds to build new lighting and power plant.

O., Ashtabula—Pierce, Butler & Pierce Mfg. Co., 282 James St., Syracuse, N. Y., will probably build plant here. About $1,000,000.

O., Huron—Village voted $42,000 bonds to improve electric light plant.

O., New Philadelphia—Ladel Mfg. Co. preparing plans for 1 story, 88 x 300 ft., rein.-con. and steel factory. About $75,000. Private plans.

O., Warren—Warren Metallic Bed Co. having sketches made for 2 story, rein.-con. and steel factory, on 5 acre site. About $100,000.

Mich., Detroit—Detroit Packing Co., 40 Bushey St., having preliminary plans and estimates made by Packers Architectural & Eng. Co., archts. and engrs., Manhattan Bldg., Chicago, for first of 2 units of meat packing plant, to be 5 story, rein.-con., brick and steel, rein.-con. flooring concrete foundation, on Springwells Ave. About $1,000,000.

Mich., Detroit—Orling Bros., Heidelberg and Elmwood Aves., having plans prepared by L. Kamper, archt., 751 Book Bldg., for 3 story, 60 x 100 ft., rein.-con. and brick factory, rein.-con. flooring, concrete foundation. About $200,000.

Mich., Detroit—Pollmar & Ropes, archts. and engrs., 45 State St., preparing plans for 1 and 2 story, 100 x 160 ft., rein.-con., brick and steel factory, rein.-con. flooring, concrete foundation, on Southern and Martins Sts. About $75,000. Owners name withheld.

Ill., Chicago—Felt & Tarrant, 1717 North Paulina St., having preliminary sketches made by L. G. Hallberg, archt., 116 South Michigan Ave., for adding machine factory, at 1700 North Paulina St.

Ill., Chicago—Universal Machine & Tool Co., 4146 West Taylor St., plans to build 2 story, 58 x 265 ft., brick and timber factory, concrete foundation. About $100,000. A. A. Tocha, 1225 North Ashland Ave., archt.

Wis., Antigo—Antigo Tractor Co. plans to build 150 x 200 ft., brick, rein.-con. and steel factory, brick foundation, on North Edison St. About $200,000. Architect will be selected at once.

Wis., Madison—Sheboygan Dairy Products Co., 936 North Water St., opens bids about Nov. 18, building 2 story, 70 x 140 ft., brick, rein.-con and steel dairy, rein.-con. flooring, concrete foundation, on West Wilson St. About $75,000. A. G. Souma, mgr. Private plans. Noted Oct. 21.

Wis., Racine—New York Market Co., 1015 16th St., rejected bids building 2 story, 96 x 110 ft. sausage factory, concrete and brick, rein.-con. flooring, concrete foundation. Work will be readvertised. Packers Architectural & Eng. Co., 431 South Dearborn St., Chicago, archts. and engrs. Noted Oct. 28.

Minn., Northfield—Theobald Flour Mills plan to build feed mill, concrete feed warehouse and 8 concrete tanks. About $100,000. Architect not announced.

Mo., St. Louis—Power Truck & Tractor Co., Beard and Goldsmith Sts., Detroit, Mich., plans to build factory, on Mead St and along tracks of Wabash R.R., here. About $250,000. Address B. B. Craven, Chemical Bldg., owners agt. Architect not selected.

Mo., St. Louis—Southern Car Wheel Co., Ry. Exch. Bldg., plans to build factory, on Marcus Ave., along the tracks of Terminal R.R. About $500,000. Architect not selected.

Ark. Earle—Grenada Cotton Compress Co. soon receives bids building cotton compress plant, to replace one destroyed by fire. About $100,000. Architect not selected.

Tex., Ranger—Ranger Boiler Wks. plans to build frame, sheet iron and brick factory. About $100,000. L. C. McFall, pres.

Idaho, Idaho Falls—Howard Pulp & Paper Co. having plans prepared for news print plant and power house. About $4,000,000. T. L. Tomlines, City Bank Bldg., Syacuse, N. Y., engr.

Wash., Seattle—J. R. Nevins, archt., Hoge Bldg., soon receives bid building 2 story, 160 x 750 ft. steel warehouse, on East Marginal Way and Alaska St., for A. M. Castle Co., 1201 1st St. S. Noted Oct. 14.

Wash., Tacoma—Olympic Ice & Machine Co. plans to build 4 story, 100 x 130 ft. cold storage and ice plant, rein.-con. and tile on F and East 25th Sts. About $125,000.

N. F., Grand Falls—A. Rothermere soon receives bids building extension to plant. About $180,000.

Que., Laprairie—La Boulangerie du Peuple Ltd. soon receives bids building bakehouse. About $45,000.

Que., Montmagny—Malleable Foundries Ltd. receive bids about Nov. 15. building foundry. Cost including equipment, $75,000.

Ont., East London—Stansell Motors Ltd., Amherstburg, plans to build factory here.

S. A., Peru, Lima—A. Grana, Lima, soon receives bids building cotton mill, rein.-con. and steel, rein.-con flooring, concrete foundation, here. About $500,000. Lockwood Green Co., 101 Park Ave., New York City, archts. and engrs.

BIDS DESIRED

Mass., Boston—J. C. Spofford, archt., 36 Bromfield St., receiving bids building 2 story, 100 x 300 ft., rein.-con. and brick garage, rein.-con. flooring, concrete foundation, on Boylston St., for E. G. Isenbeck, 95 Milk St.

Mass., Charlestown (Boston P. O.)—F. O. Lewis, engr. and archt., 50 Bromfield St., Boston, receiving bids constructing 7 story, brick and concrete mercantile building, on City Sq., for Charlestown Terminal Bldg. Co., 27 State St., Boston.

Conn., Norwalk — Emmens & Abbott archts., Washington Bldg., Stamford, receiving bids building 1 story, 50 x 150 ft. frame and cement service station, rein.-con. flooring, concrete foundation, on West Ave., for Fairbanks Storage Battery Co., 438 Atlantic Ave., Stamford. About $50,000.

O., Columbus—W. E. Lammeck Co., West 5th Ave., receiving bids building 1 story, 120 x 204 ft., brick addition to factory, concrete flooring. About $50,000. A P Lammeck, secy. Private plans.

Wis., Rice Lake—New Idea Potato Mchy. Co. receiving bids building 3 story, 80 x 130 ft., brick, rein.-con. and steel factory, brick foundation, on Main St. About $40,000. R. C. Chandler, secy. Private plans.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Me., Westbrook**—S. D. Warren & Co., Cumberland Mills, will build 1 story, 90 x 250 ft. brick and concrete warehouse, rein.-con. flooring, concrete foundation, here. About $50,000. Work will be done by day labor.

★**N. H., Bennington**—Monadnock Paper Mills let contract building 3 story, 100 x 100 ft. concrete and brick storehouse, rein.-con. flooring, concrete foundation, to Abercrombie Constr. Co., 27 School St., Boston. About $125,000.

★**Mass., Worcester.**—Amer. Card Clothing Co., 93 Grafton St., let contract building 3 story, 67 x 171 ft. factory, with 9 x 20 and 14 x 34 ft. ells, mill construction, on Shrewsbury St., to G. B. Cutting, 67 Cedar St. About $150,000.

★**Mass., Worcester**—Tait Bros., Cass St., Springfield, will build 3 story, 60 x 120 ft. ice cream plant, concrete, brick and steel, rein.-con. flooring, concrete foundation, on Shrewsbury St., here. About $75,000. Work will be done by day labor. Noted Nov. 4.

★**N. Y., Brooklyn**—Estate of W. Beard, c/o Gilbert & Ashfield, archts. and engrs., 350 Fulton St., let contract building 1 story, 150 x 160 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on Richardson St., to F. J. Ashfield, 350 Fulton St. About $60,000.

★**N. Y., Canzenovia**—Diepress Co. will build 2 story, 60 x 150 ft., rein.-con., brick and steel addition to factory, rein.-con. flooring, concrete foundation. About [illegible] 000. Work will be done by day la[illegible]

★**N. Y., New York**—Webb Bldg. [illegible] c/o Moore & Landseidel, archts. and [illegible] 3rd Ave. and 148th St., will build 1 [illegible] 100 x 150 ft., brick and steel garage, [illegible] con. flooring, brick and concrete found[illegible] on Park Ave. and 174th St. About $[illegible] Work will be done by day labor.

★**N. J., Hoboken**—Chocolate Meni[illegible] 1127 Clinton St., let contract buildi[illegible] story, concrete and brick factory, to [illegible] Fireproof Co., 8 West 40th St., New [illegible] City. About $125,000. Noted Oct. 21

★**Pa., Pittsburgh**—Heyl & Patt[illegible] Water St., let contract altering and b[illegible] ing addition to factory and office, [illegible] and steel, rein.-con. flooring, on 1st [illegible] and Water St., to Golden & Crick Co., [illegible] 5th Ave., $60,014.

★**Va., Andover**—Central Supply Co. let contract building 3 story, 48 x 100 ft. concrete warehouse and office, to Turner Constr. Co., 1713 Sansom St., Phila. About $100,000.

★**Mich., Detroit**—Consolidated Cigar Co., St. Aubin Ave., let contract building 3 story, 92 x 100 ft. brick and steel factory, brick foundation, to O. Misch Co., Chamber of Commerce Bldg. About $90,000. Noted Sept. 23.

★**Ill., Chicago**—G. W. Moore Co., 2144 Fulton Ave., let contract building 1 story, 120 x 144 ft., mill construction machine shop, concrete foundation, at 2128-44 Fulton Ave., to Carnegie Co., 189 West Madison St. About $75,000.

★**Wis., Delavan**—Delavan Dairy Co. let general contract building 2 story, 40 x 160 ft., brick, rein.-con. and steel condensory, rein.-con. flooring, brick foundation, on Main St., to O. Hoganson, Burlington. About $75,000.

★**Wis., Manitowoc**—Drost Box Mfg. Co., 1116 South 9th St., let general contract for second unit of factory, 3 story, 80 x 160 ft. brick, rein.-con. and steel, rein.-con. flooring, brick foundation, on South 9th St., to H. V. Herrting, Dempsey Bldg. About $75,000. Noted Oct. 7.

★**Wis., Schleisingerville**—Judell & Bogner, archts., Colby-Abbot Bldg., Milwaukee, let contract to G. Schwamb, Main St., building 2 story, 60 x 100 ft., brick, rein.-con. and steel factory, brick foundation, on Main St., here, for Zwebell Bros. Co., 428 Milwaukee St., Milwaukee. About $75,000. Noted Oct. 28.

★**Wis., Sheboygan**—South Side Garage, North 12th St. and Indiana Ave., let contract building 2 story, 45 x 112 ft. concrete, brick and steel garage, rein.-con. flooring, concrete foundation, on Indiana Ave., to C. F. Grasse & Son, 1543 South 11th St. About $75,000. Noted Oct. 28.

★**Wis., Wausau**—Wisconsin Valley Electric Co., 206 3rd St., will build water power and electric plant and dam, brick, concrete and steel. About $600,000. Work will be done by day labor.

★**Tex., Dallas**—Southwestern Forwarding Co., 1301-9 Broom St., let contract building 1 story, 120 x 534 ft., rein.-con. warehouse, rein.-con. flooring, on Harwood and Santa Fe Sts., to B. E. Howard, Harwood and Santa Fe Sts. About $150,000.

★**Que., Montreal**—Berliner Gramaphone Co. Ltd., 33 Lenoir St., let contract building 1 story, 53 x 88 ft. rein.-con. factory, on Lacasse St., to Atlas Constr. Co., Belmont St. About $75,000.

★**Que., Montreal**—Mountain St. Garage Co. let contract building 2 story, 89 x 138 ft. concrete, brick and steel garage, concrete foundation, to Grothe, Munn & Shea Co., 6 Cuthbert St. About $60,000. Noted Oct. 28.

Buildings

PROPOSED WORK

Mass., Chelsea (Boston P. O.)—Synagogue—Congregation Zedek, c/o S. S. Eisenberg, archt., Exch. Bldg., plans to build 3 story brick and timber, concrete foundation.

Mass., Chelsea (Boston P. O.)—Theatre and Store—J. H. Lacey, c/o Newhall & Blevins, archts., 9 Park St., Boston, plans to build 1 story, concrete, brick and steel, on Chelsea Sq

Mass., East Longmeadow—Town Hall—Bd. Selectmen plans to build 2 story. About $75,000. Architect not selected.

Mass., Gardner—School—Town had plans prepared by F. I. Cooper Corp., archts., 32 Cornhill St., Boston, for 2 story, brick and steel addition. About $75,000.

Buildings (Continued)

Mass., Provincetown—Hospital—Town plans to build 2 story, brick and concrete. About $150,000. Architect not selected.

Mass., South Hadley — Science and Library—Mt. Holyoke College plans to construct science building, cost $300,000, and addition to library, $200,000. M. E. Wooley, pres. Architect not selected.

Mass., Springfield—School—Bd. Educ. plans to build 2 story, brick and steel, on Berkshire St. About $100,000. Architect not selected.

Mass., Springfield—Station—Boston & Albany R.R., South Sta., Boston, plans to remodel station, on Lyman St., here. About $2,000,000. F. B. Freeman Boston, ch. engr.

Mass., West Springfield (Spring field P. O.)—Club—West Springfield Odd Fellows, Inc., plan to build brick and steel, on Main and Park Sts. About $75,000. G. A. Chapman, pres. Architect not selected.

R. I., Bristol—Business—S. P. Colt, Popasquash St., plans to build 4 story, brick and marble, on Main St. About $200,000. Architect not announced.

R. I., Bristol—School—Town plans to build 2 story, brick and concrete. About $200,000. Architect not announced.

R. I., Providence—College—Brown University, Prospect St., plans to build 4 story, concrete, brick and stone addition. About $500,000. W. W. Bosworth, 527 5th Ave., New York City, archts.

R. I., Providence—Library—City plans to build 3 story, stone, brick and steel addition, on Fontaine St. About $500,000. Architect not announced.

R. I., Woonsocket—Church—St. Michaels Greek Catholic Church, Blackstone St., having plans prepared by W. F. Fontaine, archt., 285 Main St., for 1 story, brick and steel. Cost between $75,000 and $100,000.

R. I., Woonsocket—Church—Universalist Church Congregation, Main and Church Sts., plans to build 1 story, brick, stone and steel. About $125,000. Architect not announced.

R. I., Woonsocket—College—Church of the Precious Blood plans to build 3 story, concrete, brick and steel. About $100,000. W. F. Fontaine, 285 Main St., archt.

Conn., Ansonia—School—Trade School Comn. having plans prepared by L. W. Robinson, archt., 42 Church St., New Haven, for 2 story, brick and steel, on Clifton Ave. About $100,000.

Conn., Bridgeport—Church and Parish House—United Congregational Church, Broad and Gilbert Sts., plans to build stone, brick and steel. About $500,000. W. H. Day, rector Architect not announced.

Conn., Bridgeport—School—Sts. Cyril & Methodius Church, Church St., plans to build 4 story, brick and concrete. About $250,000. J. Panik, pastor. Architect not announced.

Conn., Derby—School—City plans to build 2 story, brick and steel. About $75,000. F. J. Conway, 120 Hawthorne Ave., chn. Architect not selected.

Conn., Milford—School—Bd. Educ. plans to build 2 story, brick and steel addition to Walnut Beach School. About $85,000. Architect not selected.

Conn., New Haven—Bank—Mechanics Bank, Church and Center Sts., plans to build 1 story, concrete, brick and steel, on Church, Center and Gregson Sts. About $200,000. C. S. Palmer, 114 Whitney Ave., archt.

Conn., New Haven—Church—St Brendan Roman Catholic Church, 380 Sherman Ave., plans to build 1 story, brick and stone, on Whalley Ave. About $150,000. Architect not selected.

Conn., New Haven—Church—St. Joseph Roman Catholic Church plans to build 1 story, stone and steel, on Fountain St. About $125,000. J. J. McGivney, 118 Fountain St., pastor. Architect not announced.

Conn., New Haven—High School—City plans to build 3 story, brick and steel, on Fountain St. About $150,000. Architect not selected.

Conn., New Haven—Parish House—Trinity Church, 442 Temple St., plans to build 2 story, brick and concrete, on George St. About $100,000. Architect not announced.

Conn., Newington — Home — Connecticut Childrens Aid Society, 926 Main St., Hartford, plans to construct 1, 2 and 3 story home buildings here. About $500,000. Architect not selected. Project will mature in spring.

Conn., Rockville — Hospital — Rockville City Hospital plans to build 2 story, concrete, brick and steel, on High St. About $100,000. F. T. Markwell, 9 North Park St., chn, com. Architect not announced.

Conn., Southington — Hospital — Town plans to build fireproof hospital. About $100,000. Architect not selected.

Conn., South Manchester—Business—G. E. McNamara, 705 Main St., plans to build brick and steel, on Main and Pearl Sts. About $75,000. Architect not selected.

Conn., Stafford — High School — Town plans to build 3 story, concrete, brick and steel. About $250,000. Architect not selected.

N. Y., Brooklyn—Theatre—L. Allmendinger, archt. and engr., 20 Palmetto St., preparing sketches for brick and steel, brick foundation. About $80,000. Owners name withheld

N. Y., New York — Clubhouse — Ladies Christian Union, West 49th St., having plans prepared by Ewing & Allen, archts. and engrs., 101 Park Ave., for altering brick and stone, at 151-159 East 36th St. About $80,000.

N. Y., Rochester—Schools—Bd. Educ. having plans prepared by E. S. Gordon, archt., 300 Sibley Blk., for P. S. 34, 2 story, 180 x 200 ft., cost $600,000, also Monroe Junior High School, on Alexander St., and Madison Junior High School, on Bronson Ave., both 3 story, 300 x 325 ft., $1,500,000 each, all to be brick and steel. Noted Jan. 22.

N. Y., Syracuse—Schools, etc.—City plans to sell $260,000 bonds Nov. 16, to improve schools, playgrounds, etc.

N. J., Atlantic City—High School—Bd. Educ. plans to build 3 story, concrete and brick. About $1,000,000. Address A. Bower, Atlantic and Pacific Aves. Architect not selected.

N. J., Bordentown—School—F. H. Bent, state archt., 142 West State St., Trenton, soon receives bids building 1 and 2 story, 84 x 160 ft. brick addition to industrial school, here, to include dining room, gymnasium and auditorium. About $160,000.

N. J., Morristown—City and S. H. Gillespie plan to build 5 mi. new road through private property from Washington St. across Ann St. to City Park and then to Bailey Hollow, 30 and 66 ft. wide. E. Howell, 10 Washington St., engr.

N. J., Tenafly—High School—Bd. Educ. rejected bids received Oct. 27, building school. About $100,000. Work will be readvertised. Noted Oct. 7.

Pa., Ebensburg—Court House—Comrs. Cambria Co. soon receive bids building addition to brick and stone. About $400,000. Former bids rejected. J. R. Gordon, 507 5th Ave., New York City, archt. and engr. Noted Oct. 14.

Pa., New Castle—High School—Trustees North Beaver Twp. authorized $90,000 bonds to build 2 story, 180 x 200 ft., here.

Pa., Phila.—Nurses Home—St. Agnes Hospital, Broad and Mifflin Sts., having plans prepared by F. R. Watson, archt., 1211 Walnut St., for 5 story, 84 x 161 ft., concrete and brick.

Pa., Phila. — Store, Theatre and Office — A. M. Nagle, Windber, having sketches made by H. L. Reinhold, Jr., 1513 Walnut St., for 3 story, 40 x 150 ft., concrete and brick here. About $100,000.

Pa, Williamsport—Church—St. Matthews Lutheran Church plans to build 2 story, 90 x 150 ft., rein.-con., brick and stone, on West 4th and Poplar Sts. About $100,000. A. M. Hall, 2015 West 4th St., member bldg. com.

Md., Baltimore—Church and Parsonage—First United Presbyterian Church, Madison Ave. and Biddle St., plans to build brick and stone, on Liberty Height Ave. and Grantley St. About $150,000.

Md., Baltimore—Schools and Engine Houses—See "Sewers."

N. C., Smithfield—Courthouse—Comrs. Johnston Co. plan to build 4 story, 79 x 117 ft., granite and Indiana limestone, tile flooring, on Market St. About $500,000. H. Barton, Greensboro, archt

S. C., Columbia—Office and Temple—Trustees Masonic Lodge plan to build 6 story, 56 x 103 ft. rein.-con., brick and steel. About $250,000. J. B. Urquhart, Palmetto Bldg., archt.

Fla., Tampa—Church—W. S. Shull, archt., St. Petersburg, receives bids about Dec. 1, building 90 x 125 ft. rein.-con. or hollow tile and brick, rein.-con. flooring, concrete foundation, on Grand Central and Cedar Sts., for Christian Science Church. Cost between $75,000 and $100,000. H. L. Dolive, Box 1312, chn, building comm.

Ala., Birmingham — High School — Bd. Educ. having plans prepared by D. O. Whilldin, archt., Title Guaranty Bldg., for first unit of Central High School, 3 story, 150 x 330 ft., on 7th Ave. between 23d and 24th Sts. About $600,000.

Ala., Speigners—Penitentiary—State Convict Dept., State Capitol, Montgomery, plans to build rein.-con. penitentiary here, to accommodate between 600 and 1,000 people. Cost between $300,000 and $500,000. W. F. Feagin, dir.

Ala., Tuscaloosa—Dormitory, etc.—State Building Comn., Montgomery, having plans prepared by D. O. Whilldin, archt., Title Guaranty Bldg., Birmingham, and opens bids about Dec. 15, building 2 story, 107 x 235 ft. dormitory, also first units of dining hall, laundry and power house, brick and rein.-con., for Alabama Home for Feeble Minded, here. Cost $110,000 and $53,000 respectively.

Ala., Tuscaloosa—Hospital—Local Hospital Comn. plans to build hospital. About $125,000. S. F. Clabaugh, chn.

Miss., Leland—Church—Baptist Church soon lets contract building 2 story, 56 x 100 ft., brick and stone, concrete foundation. About $75,000. R. B. Spencer, archt. and H. J. Kramer, 540 Goodwyn Institute, Memphis, Tenn., associated archt.

La., Alexandria—Exchange—Cumberland Telephone & Telegraph Co., Carondelet and Poydras Sts., New Orleans, plans to build fireproof exchange, here. About $100,000. C. A. Stair, New Orleans, genl. mgr.

La., Baton Rouge — Exchange—Cumberland Telephone & Telegraph Co., Carondelet and Poydras Sts., plans to build fireproof exchange, here. About $75,000. C. A. Stair, genl mgr.

La., Lake Charles—Exchange—Cumberland Telephone & Telegraph Co., Carondelet and Podras Sts., New Orleans, plans to build fireproof exchange, here. About $60,000. C. A. Stair, genl. mgr.

La., Monroe — Exchange — Cumberland Telephone & Telegraph Co., Carondelet and Poydras Sts., New Orleans, plans to construct fireproof exchange, here. About $500,000. C. A. Stair, genl. mgr.

La., New Orleans — Exchange — Cumberland Telephone & Telegraph Co., Carondelet and Poydras Sts., plans to construct fireproof extension to present building on Carondelet and Podras Sts., cost $300,000; also construct another new building, $50,000. C. A. Stair, genl. mgr.

La., Shreveport—Exchange—Cumberland Telephone & Telegraph Co., Carondelet and Poydras Sts., New Orleans, plans to build fireproof exchange, here. About $275,000. C. A. Stair, New Orleans, genl. mgr.

Tenn., Memphis—College—Presbyterian Church plans to build college, here. About $1,500,000 Address A. B. Curry, 1730 East Glenwood St.

O., Castalia—High School—City voted $175,000 bonds to build new high school.

O., Cleveland—Store and Office—D. H. Burnham & Co., archts., 209 South La Salle St., Chicago, open bids about Dec. 1, building 17 story, 67 x 189 ft., concrete, brick, steel and terra cotta, concrete foundation, for Taylor Stores Co., Euclid Ave. About $1,250,000.

O., Columbus—Schools—Bd. Educ., Town and High Sts., having preliminary sketches made by Riebel & Sons, archts., New Natl. Bank Bldg., for 3 grade schools, one on Douglas Ave., one on Avondale Ave., and other on Milo Ave.; each 2 story, 110 x 200 ft., brick and concrete. About $265,000 each.

O., Cuyahoga Falls—High School—City voted $375,000 bonds to build high school.

Buildings (Continued)

O., Kenmore—School—City voted $200,000 bonds to build schools.

O., Massillon—Bank and Office—First Natl. Bank having plans prepared by W. R. Powell, archt., Rose Bldg., Cleveland, for 6 story, 40 x 144 ft., rein.-con., brick and steel, rein.-con. flooring, brick and concrete foundation, on Main St. About $300,000. P. L. Hunt, pres.

O., Niles—Schools — Bd. Educ. plans to build two 2 story, 150 x 150 ft. schools. About $150,000.

O., Vermillion—Memorial—Village voted $250,000 bonds to build soldiers and sailors memorial.

O., West Liberty—High School—City voted $75,000 bonds to complete new high school.

O., Youngstown—Church and Community—Mahoning Ave. Methodist Episcopal Church plans to construct church and community building. About $150,000. Address G. A. Gibson, 15 North Brockway Ave.

Ind., Gary—Church and Community—First Methodist Episcopal Church having plans prepared by Lowe & Bollenbocker, archts., 108 South La Salle St., Chicago, and receives bids about Jan. 2, building 125 x 235 ft., rein.-con., brick, steel and stone, concrete foundation, on West 6th St. and Washington Ave. About $650,000.

Ind., Logansport — Bank — Logansport Loan & Trust Co. having plans prepared by Arney Co., archts., 10 South La Salle St., Chicago, remodeling 3 story, 50 x 125 ft., brick and concrete. About $100,000.

Mich., Ann Arbor—Dormitory—S. E. Remey and C. M. Agree, archts., Whitney Office Bldg., Detroit, open bids about Nov. 15, constructing 4 story, 60 x 200 ft., rein.-con., brick, steel and stone, concrete foundation. About $175,000. Owner's name withheld. Noted Oct. 21.

Mich., Detroit—Church—Central Christian Church, c/o J. De Tarr, member of official board, Putnam Ave., plans to build 2 story, rein.-con., brick, stone and steel, rein.-con. flooring, concrete foundation, on 2nd Blvd. About $500,000. Architect not selected.

Mich., Detroit—Market—T. Barlum & Sons, Cadillac Sq. having plans prepared by Rogers, Bonnah & Chaffee, archts., 528 Farwell Bldg., for 1 story, 100 x 100 ft., brick and steel, rein.-con. flooring, concrete foundation. About $75,000.

Mich., Detroit—Museum—Detroit Art Museum, Jefferson Ave. and Hastings St., plans to build 1 and 2 story, 150 x 300 ft., marble, on Woodward, Kirby, Farmsworth and John Sts. About $2,000,000. Architect not selected.

Mich., Detroit—Office—Bd. Educ., 50 Bway. Ave., plans to build 20 story, 100 x 100 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Gratiot and Library Aves. About $1,000,000. Architect not selected.

Mich., Highland Park (Detroit P. O.)—Nurses' Home—Detroit Osteopathic Hospital, Highland Ave. and 3rd St., having plans prepared by M. R. Burrowes, archt., 435 Woodward Ave., Detroit, for 3 story, 32 x 100 ft., rein.-con., brick, steel and stone, concrete foundation, on Highland Ave. About $75,000.

Mich. Lansing—Clubhouse—Lansing Agricultural College having preliminary sketches made by Pond & Pond, archts., 64 East Van Buren St., Chicago, for rein.-con., concrete foundation. About $500,000.

Mich., Redford—Temple—Masonic Lodge, c/o G. W. Graves, archt., 43 John R. St., Detroit, having plans prepared for 3 story, 60 x 100 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Grand River Ave. About $75,000.

Mich., Royal Oak—Bank, Stores and Offices—First Commercial Bank plans to build 2 story, 62 x 110 ft. About $200,000. F. D. Madison, archt.

Ill., Chatsworth—School—Bd. Educ. soon receives bids building school. About $160,000.

Ill., Chicago—Bank and Office—Lake Shore Trust & Savings Bank, having preliminary plans prepared by Marshall & Fox, archts., 721 North Michigan Ave., for 6 story, on Michigan Ave. and Ohio St.

Ill., Chicago—Bank and Office—Sheridan Trust & Savings Bank, Bway. and Lawrence Ave., having preliminary plans prepared by Marshall & Fox, archts., 721 North Michigan Ave., for 10 story, on Bway. and Lawrence Ave. Noted March 11.

Ill., Chicago—Chuch and Social Center—Evangelical Lutheran Immanuel Church, c/o E. E. Hall, archt., 123 West Madison St., having plans prepared for 1 and 2 story, 123 x 210 ft., rein.-con. and brick, rein.-con. flooring, concrete foundation, on Ellendale and Greenview Aves. About $400,000.

Ill., Chicago—Club—Chicago Womens Club, 410 South Michigan Ave., having preliminary sketches made by Pond & Pond, archts., 64 East Van Buren St., for 9 story, 104 x 120 ft., rein.-con. and steel, rein.-con. flooring, concrete foundation, on 11th St. between Wabash Ave. and Michigan Ave. About $1,100,000

Ill., Chicago—Field House—A. N. Rebori, archt., 410 South Michigan Ave., opens bids about Nov. 15, building 2 story, 80 x 120 ft., rein.-con., steel, brick and stone, rein.-con. flooring, concrete foundation, in Lincoln Park, for Lincoln Park Bd. About $100,000.

Ill., Chicago — Home — A. S. Alshuler, archt., 28 East Jackson Blvd., open bids about Dec. 1, building 3 story, mill construction, concrete foundation, for Orthodox Jewish Home, 1648 South Albany Ave.

Ill., Chicago—Juvenile Home—Cook Co., c/o E. E. Hall, archt., 123 West Madison St., having preliminary plans prepared for 3 story, rein.-con. and brick, rein.-con. flooring, concrete foundation, on Roosevelt Rd. and Ogden Ave. About $600,000.

Ill., Willmette—School—W. H. Pruyn, Jr., archt., 122 South Michigan Ave., Chicago, opens bids about Jan. 1, building 2 story, 100 x 100 ft., concrete and brick, concrete foundation, for St. Francis Xavier School. About $100,000. Bids will be received from selected contractors only

Wis., Beaver Dam—School—St. Peters Church had plans prepared and opens bids about Jan. 1, building 2 story, 130 x 140 ft., brick and tile, rein.-con. flooring, concrete foundation. About $75,000. F. L. Kronenberg, Slichter Bldg., Madison, archt.

Wis., Clear Lake — School — Bd. Educ. having plans prepared by W. L. Alban, archt., 347 Endicott Bldg., St. Paul, Minn., for 2 story, rein.-con. and brick, brick foundation. About $75,000. E. Enderbohn, clk.

Wis., Cleveland—Church and Parsonage—Cleveland Lutheran Church, c/o Juul & Smith, archts., Imig. Bldg., Sheboygan, having plans prepared for 2 story, 55 x 104 ft., brick, rein.-con. and tile, concrete foundation, on Main St., here. Cost between $75,000 and $80,000.

Wis., Clintonville — Theatre — Royal Theatre plans to build 1½ story, 60 x 180 ft., brick, rein.-con., tile and stone, brick foundation, on Main St. About $75,000. D. T. Hobson, mgr. Architect will be selected soon.

Wis., Merrill—Grade and High Schools—Secretary Bd. Educ. opens bids about Dec. 15, building 2 story, 40 x 175 ft. grade school and 2 story, 75 x 120 ft. addition to high school, rein.-con., brick and steel, concrete foundations. About $260,000. Parkinson & Dockendorff, Linker Bldg., La Crosse, archts. and engrs. Noted Sept. 30.

Wis., Milwaukee—Theatre—W. J. Sarres, 221 Grand Ave., having plans prepared by Rosman & Wierdsma, archts., 424 Jefferson St., for 1 story, 62 x 134 ft., brick, concrete and steel rein.-con. flooring, concrete foundation, on 35th and Lisbon Sts. About $75,000.

Wis., Milwaukee—Theatre—T. Saxe, 160 5th St., having plans prepared by M. Tullgren & Sons, archts., 425 East Water St., remodeling 2 story, concrete, rein.-con. flooring, on Gr and Ave. About $100,000.

Wis., Oconomowoc—Theatre and Office—P. Benzel and A. Fisher Co. having plans prepared by A. C. Clas, archt., 445 Milwaukee St., for 2 story, 68 x 115 ft., brick, rein.-con. and steel, brick foundation, on 5th St. About $100,000.

Wis., Racine—Church and School—W. C. Weeks, archt., 730 Ontario Ave., Sheboygan, opens bids about Jan. 15, building 1 and 2 story, 92 x 107 ft., brick, rein.-con. and steel, brick foundation, on Albert St., here, for Trinity Lutheran Church. About $125,000. F. L. Eseman, rector.

Wis., St. Croix Falls—School—Po... Training School Assn., Balsam Lak... plans prepared by W. L. Alban, arch... Endicott Bldg., St. Paul, Minn., for 2... 57 x 99 ft., rein.-con. and brick, here... $75,000. G. Chadwick, supt.

Ia., Ft. Dodge—Hospital—Prot... Church Organization plans to build... pital. About $75,000. H. M. Osgood... terested. Architect not selected.

Ia., Iowa—Church and School—St. ... face Roman Church having plans pre... and receives bids in spring remodeling... building addition to school and bui... new chuch. About $90,000. Slifer & A... hamson, 591 Endicott Bldg., St. Paul, M... archts.

Ia., Walcott—School—Bd. Educ. ha... plans prepared by W. L. Pedicord, ar... Iowa Falls, for 2 story, rein.-con., b... and tile. About $75,000. H. Schro... secy.

Ia., Waterloo—School—Bd. Educ. hav... plans prepared by M. B. Cleveland, arc... 601-5 First Natl. Bank Bldg., for 2 sto... brick, rein.-con. and tile. About $115,... W. H. Brunn, 207 East 5th St., secy. Noted Oct. 7.

Minn., Albert Lea — Church — First Lutheran Congregation, c/o M. Anderson, pres. Bldg. Com., having plans prepared by Slifer & Abrahamson, archts., 595 Endicott Bldg., St. Paul, for 100 x 116 ft. rein.-con. and brick. About $100,000. Noted Aug. 26.

Minn., Minneapolis—Music—State Bd. Control, c/o D. F. Mullen, secy., Capitol, St. Paul, rejected bids Oct. 28, for building 3 story, 95 x 160 ft. rein-con., brick and stone, on State University campus, here. Noted Oct. 21.

Minn., Minneapolis—Office, etc.—D. Haas, 722 6th Ave. N., having plans prepared by P. Crosier, archt., 3725 Dupont Ave. S., for 2 or 3 story, 65 x 65 ft. rein.-con. and brick office and warehouse on 7th Ave. and 7th St. N. About $75,000.

Minn., Pipestone—Hospital—City, c/o S. W. Funk, clk., plans to build hospital. About $75,000. Architect not selected.

Minn., Virginia — Schools — Bd. Educ. plans to build two 2 story, 150 x 250 ft. rein.-con. and brick. About $300,000 each. R. G. McGhee, chn. Architect not selected.

Kan., Beverly—High School—Bd. Educ. having plans prepared by Mann & Gerow, archt., 722 Rorabaugh Wiley Bldg., Hutchinson, for 2 story, 82 x 121 ft., brick and rein.-con. About $90,000.

Kan., McPherson—Church—Church of The Brethren having plans prepared by Shepard & Wiser, archts., 302 R. A. Long Bldg., Kansas City, Mo., for a 1 story, steel and brick, rein.-con. flooring. About $100,000.

Neb., Schuyler—Courthouse—Comrs. Colfax Co. will let contract in January, building 4 story, 70 x 90 ft., brick, stone and cement. About $166,000. J. L. Woods, clk.

Neb., Thedford — Courthouse — Comrs. Thomas Co. having plans prepared by C. J. Bowell, archt., Grand Island, for 2 story, 60 x 80 ft., rein.-con., brick and Bedford stone. About $125,000. C. W. Bivens, and.

N. D., Fargo—Y. M. C. A. plans to build rein.-con., brick and stone, on I St. About $275,000.

Mo., Clayton—School—Chaminade College plans to build brick and concrete, on Derry Rd. About $200,000. V. J. Klutho, Syndicate Trust Bldg., St. Louis, archt.

Tex., Dallas—Church—Oak Cliff 1st Baptist Church, 9th and Ewing Sts., had plans prepared by W. H. Reeves, archt., 900 East 9th St., for 1 story, concrete and brick, concrete and brick foundation. About $75,000. B. O. Howell, pastor.

Tex., Dallas—Hospital—Baptist Memorial Sanitarium, Junius and College Sts., had plans prepared by C. D. Hill & Co., archts., Southwestern Life Bldg., for 5 story, 100 x 120 ft. hospital for women and children, also dispensary to care for 300 to 500 patients daily, rein.-con. and brick, rein.-con. flooring, concrete and brick foundations. About $800,000.

Tex., Dallas—Hospital—City and Dallas Co. having plans prepared by H. M. Greene, archt., North Texas Bldg., for hospital. About $450,000. City voted $225,000 bonds for project. County has been requested to vote like amount. F. W. Wozencraft, mayor.

dings (Continued)

Tex., **Dallas**—Hospital—Federal Jewish Charities, 1814 Ashland Ave, raising $1,000,000 funds to build hospital. A. L. Kramer, chn. Architect not selected.

Tex., **Denison**—Bank and Office—State Natl. Bank, 300 West Main St., plans to build 7 story, 100 x 110 ft., rein.-con., brick and steel, rein.-con. flooring, brick and concrete foundation, on Main St. About $450,000. Architect not selected.

Ariz., **Phoenix**—City Hall—City election Nov. 27, to vote on $150,000 bonds to improve and build addition to city hall.

Ariz., **Phoenix**—Fire Stations—City election Nov. 27, to vote on $65,000 bonds to build and equip fire stations.

Wash., **Seattle**—Church—Westminster Presbyterian Church, Bway, and East Columbia St., plans to build 1 story, 120 x 145 ft. brick, on Harvard and Howell Sts. About $128,000. R. H. Orr, 1301 Van Nuys Bldg., Los Angeles, archts. Noted Feb. 19.

Col., **Denver** — Schools — Denver School Dist. voted $2,000,000 bonds to build and improve various school buildings. Noted Sept. 16.

Col., **Monte Vista**—Schools—City voted $100,000 bonds to build schools.

Cal., **Los Angeles**—Gymnasium—Bd. Educ. having plans prepared by H. C. Howard, archt., for gymnasium at Lincoln High School. About $100,000.

Cal., **National City**—High School—National City, Chula Vista, Bonita, Otay, Oneonta, Monument and Highland voted $172,000 bonds to build union high school. T. C. Kistner, Central Mortgage Bldg., San Diego, designing archt.

Que., **Montreal**—College—Governors of MacGill University, Sherbrooke St. W., plan to build extensions to following buildings: arts, cost $300,000, mining and electrical $500,000, pathological $460,000, biological $325,000, library $200,000, physics $250,000 and commerce $256,000.

B. C., **Victoria** — Theatre — United Theatres Ltd., 719 Seymour St., Vancouver, plan to build rein.-con. and steel, here. About $300,000. C. H. Crane, Dime Bank Bldg., Detroit, Mich., archt.

S. A., **Peru, Lima**—Office—All Amer. Cables, 89 Broad St., New York City, had plans prepared by Lockwood Green Co., archts., 101 Park Ave., New York City, for 2 story, 75 x 175 ft. brick and stone, concrete foundation. About $150,000.

BIDS DESIRED

R. I., Newport—School—T. S. L. Weaver, archt., 14 Cranston Ave., receiving bids building 2 story, concrete, brick and steel, rein.-con. flooring, concrete foundation, on Bway. and Vernon St., for School Comn. About $160,000. Noted Sept. 16.

Conn., Goodyear (Killingly P. O.)—School—Killingly Twp. School Comn. receiving bids building 2 story, 90 x 150 ft. Cost to exceed $100,000. H. L. Reinhold, 1513 Walnut St., Phila., archt. Noted Sept. 23.

Conn., Middletown—Hospital—Buck & Sheldon Inc., archts., 60 Pospect St., Hartford, receiving bids building 3 story, 40 x 108 ft., concrete, brick and steel addition, rein.-con. flooring, concrete foundation, for Middlesex Hospital, 28 Crescent St. About $250,000. Noted June 17.

N. J., Atlantic City—Fire House—Until Dec. 6, by city, building 3 story, brick and stone, brick foundation. About $250,000. Noted Nov. 4.

O., Piqua—School—Until Dec. 1, by Bd. Euc., R. F. D. 2, building 2 story, 10 room, 87 x 92 ft. brick, in Springfield Twp., near here. About $100,000. J. G. Saunders, clk. Hall & Lethley, 807 Fairbanks Bldg., Springfield, archts.

Mich., Birmingham—School—Until Nov. 15, by Baxter, O'Dell & Halpin, archts., 1024 Hammond Bldg., Detroit, constructing 2 story, 128 x 165 ft. rein.-con. and brick, rein.-con. flooring, concrete foundation, on Adams St. and Oakland Ave., here, for Bd. Educ.

Mich., Detroit—Engine House—Until Nov. 15, by Fire Comn., c/o Spier & Gehrke, archts., 310 Park Bldg., constructing 2 story, 60 x 63 ft., rein.-con. brick and steel, rein.-con. flooring, concrete foundation, on Seven Mile Rd. and John R. St. About $75,000.

Mich., River Rouge—High School—Until Nov. 15, by Bd. Educ. and Van Leyen, Schilling, Keough & Reynolds, archts., 556 Cass Ave., Detroit, building 3 story, rein.-con., brick, steel and stone, rein.-con. flooring, concrete foundation, on Dearborn Rd., here. About $750,000. Noted March 4.

Ill., Chicago—Office—A. S. Alshuler, archt., 28 East Jackson Ave., receiving bids building 7 story, 80 x 140 ft., mill construction, concrete foundation, on Morgan and Van Buren Sts., for C. E. Spry, c/o architect.

Ill., Chicago — Office — Graiver & Dinkelberg, archts., 80 East Jackson Blvd., receiving bids building 18 story, 80 x 100 ft., concrete, brick and steel, concrete foundation, at 14-20 Adonis St. here, for J. Strok, Detroit, Mich. About $1,200,000.

Ill., Chicago—Synagogue—Levy & Klein, archts., 111 West Washington St., receiving bids building 1 story, 126 x 165 ft., mill construction, concrete foundation, on Washington Blvd. and Karlov Ave., for B'nai Abraham Zion Congregation, c/o architects About $250,000.

Ill., Chicago—Temple—Hyde & Brown, archts., 8 South Dearborn St., receiving bids building superstructure for 4 story, 125 x 200 ft., rein.-con. and stone, concrete foundation, at 6107 Cottage Grove Ave., for Masonic League. About $750,000. Noted July 15.

Ill., Milledgeville—School—Ashby, Ashby & Schulze, archts., 178 West Jackson St., Chicago, receiving bids building superstructure of 2 story, 80 x 134 ft., rein.-con. and brick, rein.-con. flooring, for Bd. Educ. About $140,00.

Wis., Webster—High School—Until Jan. 2, by Bd. Educ., building 2 story, 160 x 175 ft., brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $175,000. E. J. Hancock, Lyric Bldg., Eau Claire, archt. and engr. Noted Sept. 30.

Ia., Pocahontas—Court House—Until Nov. 23 (change of date), by C. Gilchrist, aud. Pocahontas Co., building 2 story, 80 x 125 ft., brick, rein.-con. and stone. About $400,000. Proudfoot, Bird & Rawson, 810 Hubbell Bldg., Des Moines, archts. Noted Oct. 28.

Minn., Long Prairie—Until Nov. 16 (change of date), by Bd. Educ., c/o W. M. Barber, secy., building 2 story, 75 x 160 ft. rein.-con., brick and stone. About $200,000. C. H. Parsons, 600 Builders Exch., Minneapolis, archt. Noted Nov. 4.

Minn., Aitkin—High School—Until Jan. 2, by A. Jareb, clk. Bd. Educ., building 2 story, 102 x 125 ft., brick, concrete and steel, rein.-con. foundation and flooring. About $175,000. H. S. Swanson, Crosby, archt. and engr.

Col., Johnstown—High School—Until Dec. 1, by Bd. Educ., building 2 story, 130 x 150 ft., concrete and steel, rein.-con. flooring, concrete foundation. About $150,000. Montjoy, French & Frewen, Chamber of Commerce Bldg., Denver, archts. Noted Oct. 28.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Me., Auburn**—Y. M. C. A., 2 West 45th St., New York City, let contract constructing brick and stone building, to F. A. Rumery Inc., 21 Portland St., Portland. About $250,000. Noted Aug. 19.

★**Mass., Brookline** (Boston P. O.)—Hotel—C. A. Newhall, 18 Tremont St., Boston, will build 8 story, conrete, brick and steel, rein.-con. flooring, concrete foundation, on Beacon and St. Paul Sts. About $1,500,000. Work will be done by day labor.

Mass., Springfield—High School—Bd. Educ. received bid Nov. 3, building 3 story, concrete, brick and steel, rein.-con. flooring, concrete foundation, on State St., from A. E. Stephens & Co., 318 Main St., $914,000. Noted Oct. 14.

★**R. I., Providence**—School—City let contract building 3 story, concrete, brick and steel, concrete foundation, on Jastram St., to Interstate Constr. Co., 29 Weybosset St. About $82,700. Noted Oct. 28.

★**N. Y., Brooklyn**—Bank and Office—State Bank, 363 Stone Ave., let contract building 4 story, 50 x 100 ft., brick, steel and stone, concrete foundation, on Pitkin and Stone Aves., to J. Schaefler, 5 West 31st St., New York City. Noted April 29.

★**N. Y., New York**—Bank—Liberty Natl. Bank, 120 Bway., let contract altering brick and stone, at 100 Bway., to Thompson-Starrett Co., 49 Wall St., New York City. About $400,000.

★**N. Y., New York**—Exchange—New York Curb Market Assn., Wall St., let contract building brick, steel and stone, brick foundation, on Trinity Pl., to Thompson-Starrett Co., 49 Wall St. About $750,000. Noted Jan. 8.

★**N. Y., New York**—Hospital—Broad St. Hospital, Broad St., will build 11 story, brick, steel and stone addition, concrete foundation, on Broad and South Sts. About $500,000. Work will be done by day labor under supervision of W. N. Smith, archt., and engr., 101 Park Ave.

★**N. Y., New York**—Loft—A. W. Tams, c/o J. F. Nitchie, archt., 63 Park Row, let contract building 6 story, 50 x 100 ft., brick, steel and stone, concrete foundation, at 318 West 46th St., to Maxis Eng. & Constr. Co., 26 Court St., Brooklyn. About $150,000.

★**N. Y., Tarrytown**—Mausoleum—J. D. Rockefeller, 266 Bway., New York City, let contrat building stone, concrete foundation, at Sleepy Hollow, to Presby Coykendal Co., 11 East 47th St., New York City. About $250,000.

★**N. J., Newark**—Post Office—Gross & Gross, 128 Market St., will build 1 story, 55 x 87 ft., terra cotta, on Roseville and 7th Aves. About $75,000. Work will be done by day labor. Above building to be leased to Post Office Dept.

★**Pa., Hollidaysburg**—Clubhouse—Blairmont Country Club let contract building 2 story, 40 x 175 ft., brick, at Sylvan Hills, north of here, including laying out golf course and excavating, to A. L. Anderson & Bros., Inc., Altoona Trust Bldg., Altoona. About $100,000.

★**Pa., Sewickley**—Mausoleum—H. R. Rea, Sewickley Heights, let contract building stone, concrete foundation, on Sewickley Heights, to G. A. Shedden Co., 62 West 45th St., New York City. About $150,000.

★**Md., Baltimore**—School—City let contract building P. S. 76, 3 story, 76 x 271 ft., with 50 x 241 ft. ell, brick and terra cotta, on Fort Ave. and Latrobe Park, to Standard Constr. Co., 1713 Sansom St., Phila. About $495,000. Noted Nov. 4.

★**Tenn., Sevierville**—Dormitory—Murphy College let contract building 2 story, 60 x 100 ft. concrete and brick, to McMahon & McMahon, Sevierville. About $100,000. Noted May 30.

★**O., Elyria**—School—Bd. Educ. let contract building 2 story, 98 x 200 ft., rein.-con., brick and steel, rein.-con. flooring, brick and concrete foundation, on Gulf Rd and Ohio St., to Drummond-Miller Co., 4500 Euclid Ave., Cleveland. About $300,000. Noted Nov. 4.

★**Mich., Detroit**—Bank—Bank of Detroit, Fort St., let contract building 3 story, 50 x 140 ft., rein.-con., brick, steel and stone, rein.-con. flooring, concrete foundation, on Fort St., to Hazleton & Clark, Book Bldg. About $300,000. Noted Aug. 12.

★**Mich., Detroit**—Hotel—S. Plotkin, c/o M. H. Finkel, archt., 333 Majestic Bldg., will construct 4 story, 100 x 100 ft., brick and steel, brick foundation, on Montcalm St. About $125,000. Work will be done by day labor. Noted Aug. 12.

★**Mich., Detroit**—Mercantile—Crowley, Milner Co., Farmer St., let contract building 2 additional stories, 95 x 200 ft., rein.-con., brick and steel, rein.-con. flooring, to Bryant & Detwiler, Dime Bank Bldg. About $200,000. Noted Aug. 19.

★**Mich., Detroit**—Schools—Bd. Educ., 50 Bway., let contract building addition to school on Abbott St., to A. W. Hutche, Ford Bldg., $217,213; addition to Marxhausen School, on Warren Ave., to F. N. Cooper, Penobscot Bldg., $190,000; addition to Majeska School on Trombley and St. Aubin Aves., to Brayton Eng. Co., 907 Kresge Bldg., $195,733. Noted Oct. 28.

★**Ill., Chicago**—Bank—West Town State Bank, 2354 West Madison St., let contract building 3 story, 25 x 125 ft., rein.-con. and brick, rein.-con. flooring, concrete foundation, at 2352 West Madison St., to J. W. Kinnare, c/o G. H. Grussing, archt., 154 West Randolph St. About $85,000.

★**Ill., Chicago**—Sales, etc.—J. F. Marz, 5131 Bway., let contract constructing 1

Buildings (Continued)

story, 50 x 150 ft., rein.-con. and brick auto sales and service station, concrete foundation, to B. & W. Constr. Co., 10 South La Salle St. About $100,000.

★**Ill., Granite City**—High School—N. B. Ittner, archt., Bd. Educ. Bldg., St. Louis, Mo., let contract to R. B. Higgins B & C Co., 1143 Childress Ave., St. Louis, Mo., building 2 story, 125 x 231 ft., concrete and brick, concrete foundation, on Alton Highway, for School Bd. About $222,000. Noted Sept. 2.

★**Ill., Jacksonville**—Lodge—B. P. O. E. let contract building 2 story, 63 x 105 ft., brick, to J. De Goveia, Jacksonville.

★**Wis., Manitowoc**—Office—Plumb & Nelson Co., 719 Chicago St., let contract building 2 story, 50 x 100 ft., brick, rein.-con., and steel, brick foundation, on Buffalo St., to T. J. Sporer, 8th St. About $75,000.

★**Wis., Two Rivers**—Armory, etc.—Cavalry Troop, c/o N. Nash, let contract constructing 2 story, 41 x 100 ft., brick, rein.-con. and stucco armory and community building, brick foundation, on North 8th St., to H. V. Hortting, Inc., Dempsey Bldg., Manitowoc. About $75,000.

★**Wis., Wonewoc**—Depot—Chicago & Northwestern Ry., 226 North Jackson Blvd., Chicago, let contract building 3 story, 60 x 98 ft., brick, rein.-con. and steel, concrete foundation, on Main St., here, to E. R. Herman & Son 1412 Hamilton St., Manitowoc. About $75,000.

★**Ia., Ft. Dodge**—High School—Bd. Educ. let contract building 3 story, 190 x 260 ft., brick, rein.-con., tile and stone, to Madsen & Peterson, 646 Builders Exch., Minneapolis, Minn., $645,300. Noted Oct. 7.

★**Ia., Mason City**—Hotel—G. Worden, c/o Chamberlain Hotel, 7th and Locust Sts., Des Moines, let general contract remodeling hotel, here, to J. Maine & Sons, 119 8th St., W., Des Moines; heating and plumbing, to Ft. Dodge Plumbing & Heating Co., Ft. Dodge. Total cost, $200,000.

★**Ia., Thurman**—School—Bd. Educ. let contract building school, to J. S. Gebuhr, 133 Pearl St., Council Bluffs. About $75,000.

★**Minn., Albert Lea**—Store, etc.—Skinner-Chamberlain Co., 225 South Bway., will build 3 story, 25 x 140 ft., rein.-con. and brick addition. About $75,000. Work will be done by day labor.

★**Minn., St. Paul**—Theatre and Store—A. Engler, 2511 University Ave., let contract building 2 story, 80 x 125 ft. brick and tile, on Rice St. near Manitoba St., to A. H. Heimbach & Co. Inc., 1611 University Ave. About $75,000.

★**S. D., Elk Point**—Church—Roman Catholic Church let general contract building 46 x 143 ft., rein.-con. and stone, to Keefe Constr. Co., 406 United Bank Bldg., Sioux City, Ia. About $68,000.

★**Col., Denver**—High School—City let general contract building 2 story, 125 x 350 ft. rein.-con., brick, steel and terra cotta, concrete foundation, on South Washington, South Pearl, Beard and Cedar Aves., to Simpson & Sullivan, Inter State Trust Bldg. About $400,000.

★**Wash., Seattle**—Exchange—Pacific Telephone & Telegaph Co., 333 Grant St., San Francisco, let contract (exclusive of steel work, plumbing and heating) for 10 story, 111 x 120 ft., brick and terra cotta, on 3rd Ave. and Seneca St., here, to Sound Constr. & Eng. Co., Lowman Bldg. About $1,000,000.

Federal Government Work

PROPOSED WORK

Me., Bar Harbor—Radio Building—Spec. 4333—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to construct, here.

R. I., Prices Neck—Radio Barracks—Spec. 4331—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to build, here.

N. Y., L. I., Amagansett—Steel Radio Towers—Spec. 4335—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to build two steel radio towers, here.

Va., Quantico—Building and Improvements—Spec. 4334—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to improve and construct buildings here (large contract).

Wash., Keyport—Driving and Casing Two Wells—Spec. 4330—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans, here.

Wash., Puget Sound—Magazine Building, etc.—Spec. 4332—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to construct magazine building and railroad track, here (large contract).

BIDS DESIRED

Mass., Boston—Incinerator Plant—Until Nov. 17, by L. M. Bullock, constr. quartermaster, Coast Defenses, Room 102, Army Supply Base, furnishing labor and material building incinerator plant, at Ft. Warren, Boston Harbor

Md., Aberdeen—Steel Hangar, etc.—Until Nov. 18, at office of Constructing Quartermaster, Proving Ground, building steel hangar for airship, boiler house, generator house, etc; advertised in this issue. Noted Sept. 16.

Md., Annapolis—Repainting Structure—Spec. 4329—Until Nov. 24, by Bureau Yards & Docks, Navy Dept., Wash., D. C., repainting quarters for officers in charge, chief petty officers, operators, etc., also garage locker, power house, water tank, flag pole, etc., at Naval High Power Radio Sta., Greenbury Point, here; $10 deposit required for plans and spec. Noted Nov. 4.

Va., Quantico—Incinerator—Spec. 4266—Until Nov. 24, by Bureau Yards & Docks, Navy Dept., Wash., D. C., installing, here; $10 deposit required for plans and spec. Noted Aug. 19.

S. C., Charleston—Improving Boiler Plant—Spec. 4252—Until Nov. 24, by Bureau Yards & Docks, Navy Dept., Wash., D. C., improving, here, $10 deposit required for plans and spec. Noted July 29.

Fla., Pensacola—Removing Mast—Spec. 4314—Until Nov. 24, by Bureau Yards & Docks, Navy Dept., Wash., D. C., removing, here; $10 deposit required for plans and spec. Noted Oct. 28

O., Cincinnati—Altering Attendants Quarters, etc.—Until Nov. 17, at office of J. A. Wetmore, supervy. archt., Treas. Dept., Wash., D. C., altering and repairing attendants quarters and building new composition floors and base, at U. S. Marine Hospital, here.

Ill., Springfield—Lighting, Wiring, etc.—Until Nov. 24, at office of J. A. Wetmore, supervy. archt., Treas. Dept., Wash., D. C., for lighting, conduits and wiring changes in Post Office and Court House, here.

Cal., San Diego—Refrigerating Equipment—Spec. 4303—Until Dec. 1, by Bureau Yards & Docks, Navy Dept., Wash., D. C., furnishing, here; $10 deposit required for plans and spec. Noted Oct. 14.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Chelsea**—Macadam Roads, etc.—Spec. 4284—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building, here, to M. Seretto, 3 Tremont Row, Bosquired for plans and spec. Noted Nov. 4.

★**R. I., Newport**—Piers and Dredging—Spec. 4090—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building new pier and extending 2 piers, at Goat Island, here, to Booth & Chase, Inc., 29 Bedford St., Fall River, Mass., $71,967 (210 days).

★**R. I., Providence**—Dredging—U. S. Engineer let contract dredging in Stanford and Norwalk Harbors, here, to J. S. Packard Dredging Co., 1004 Turks Head Bldg., $107,000. Noted Nov. 4.

R. I., Providence—Remodeling Custom House and Post Office—Treas. Dept., Wash., D. C., received bids Oct. 27, remodeling, here, from M. Serreto, 3 Tremont Row, Boston, Mass., $87,500; R. M. Kearns, 692 Washington St., New York City, $119,555; King Lumber Co., Charlottesville, Va., $119,800. Noted Oct. 7.

★**N. Y., Buffalo**—Registry Room—Treas. Dept., Wash., D. C., let contract enlarging registry room in Post Office, here, to White Mantle & Tile Co., Buffalo, $6,900. Noted Oct. 14.

★**N. J., Sandy Hook** (Ft. Hancock P. O.)—Barrack Buildings—Spec. 4275—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract constructing, here, to estate of J. Bauer, 388 Wallabout St., Brooklyn, N. Y., (1) $8,148, and unit price under (3) also accepted.

★**D. C., Wash.**—Foundation and Coping for Reflecting Pool—Col. Ridley, Pub. Bldgs. & Ground, let contract building dation and substructure of coping f flecting pool, in West Potomac Park to C. H. Tompkins, 1812 Park Rd., $ Noted Oct. 28.

★**D. C., Wash.**—Switchboard Feeder els—U. S. Engineer let contract furni 2 switchboard feeder panels, to Car Mace Eng. Co., 18 Tremont St., B Mass., $723.

Va., Norfolk—Quay Wall—Spec. Bureau Yards & Docks, Navy Dept., W D. C., received bids Oct. 27, buildi Navy Yard, here, (1) work complete Raymond Concrete Pile Co., 921 Mu Bldg., Baltimore, Md., (1) $327,321 days), (2) $325 and $275, (3) add $ duct $20, (4) add $1, deduct $0.20, ($100, deduct $50, (6) add $1.75, d $0.35; H. P. Converse & Co., 31st St Colonial Ave., (1) $321,500 (300 days $415 and $415, (3) add $36, deduct $8 add $0.75, deduct $0.05, (5) add $75, d $25, (6) add $1.26, deduct $0.10; McL Contg Co., 1415 Fidelity Bldg., Baltimo Md., (1) $341,000 (360 days), (2) $470 add $50, deduct $10, (4) add $0.80, d $0.10, (5) add $80, deduct $35, (6) add $0.80, deduct $0.40. Noted Oct. 14.

★**W. Va., Wheeling**—Conduit and Wiring Changes—Treas. Dept., Wash., D. C., let contract installing conduit and making changes in wiring in Post Office, to D. C. Barnes, Eureka Springs, Ark., $2,937.

★**W. Va., Wheeling**—Water Piping—Treas. Dept., Wash., D. C., let contract installing new water pipe in Post Office, here, to W. Wilby, Selma, Ala., $4,535 (90 days). Noted Oct. 28.

★**Mich., Lansing**—Post Office—Treas. Dept., Wash., D. C., let contract remodeling Post Office, here, to Garber & Cissell, 12 West 4th St., Bethlehem, Pa., $10,000. Noted Oct. 7.

★**Ill., Rockford**—Mailing Vestibule, etc.—Treas. Dept., Wash., D. C., let contact for extension to mailing vestibule, driveway and interior changes, here, to Therault Constr. Co., 534 East Johnson St., Phila., Pa., $12,319. Noted Oct. 7.

★**La., New Orleans**—Mine Storage Building—Spec. 4253—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building, here, to Hyde & Baxter, 1311 G St., N. W., Wash., D. C., $31,045 (180 days). Noted Nov. 4.

★**Minn., St. Cloud**—Electric Dumb Waiter—Treas. Dept., Wash., D. C., let contract installing complete electric dumb waiter and making changes in hoistway, to Kimball Bros. Co., 9th St. and 11th Ave., Council Bluffs, Ia., $3,200.

★**Col., Ft. Lyon**—Concrete Pavement, etc.—Spec. 4257—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building concrete pavement and installing pipe line, here, to Orman Constr. Co., Pueblo, $83,243 (120 days). Noted Oct. 28.

★**Wash., Port Angeles**—Radio Compass Building—Spec. 4304—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract constructing, here, to C. Olsen, Port Angeles, $7,813 (65 days). Noted Oct. 14.

★**Wash., Puget Sound**—Automatic Sprinkler System—Spec. 4180—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract installing in pattern shop, here, to Rockwood Sprinkler Co., 532 1st Ave., Seattle, $6,275 (45 days).

★**Cal., San Diego**—Fire Alarm System—Spec. 4288—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building, here, to Globe Electric Wks., 817 Timken Bldg., $18,900 (120 days). Noted Oct. 28.

★**Cal., San Diego**—Hospital Buildings—Spec. 4300—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract constructing, here, to W. E. Kier Constr. Co., 502 Amer. Natl. Bank Bldg., $707,350 (450 days). Noted Nov. 4.

Cal., San Diego—Marine Railway—Spec. 4297—Naval Wks. Officer received bids Oct. 27, removing marine railway from Naval Depot at La Playa to fleet repair base at head of San Diego Bay, from Ross Constr. Co., Forum Bldg., Sacramento, $207,000 (355 days); San Francisco Bridge Co., Nevada Bank Bldg., San Francisco, $249,700 (300 days); Crandall Eng. Co., Boston, Mass., $257,300, (320 days). Noted Nov. 4.

H. T., Honolulu—Elevator Plant—Treas. Dept., Wash., D. C., received bids Oct. 27, installing at Post Office, Court House and Custom House, here, from Otis Elevator Co., 613 15th St., N. W., Wash., D. C., $29,670. Noted Oct. 7.

Miscellaneous

PROPOSED WORK

Bathhouse—Hartford, Conn.—City had plans prepared by E. T. Wiley, archt., 75 Pratt St., for rein.-con. bathhouse, on Ferry Blvd. About $50,000.

Tractors—Syracuse, N. Y.—City plans to sell $48,000 bonds Nov. 16, to purchase tractors for Dept. Pub. Wks.

Park—Akron, O.—City voted $2,000,000 bonds to build public park system.

Pumps—Akron, O.—Until Nov. 19, at office of E. A. Zeisloft, dir. Pub. Service, Delaware Bldg., furnishing motor-driven centrifugal pumps. G. G. Dixon, engr.; advertised in this issue.

Plumbing System—Cleveland, O.—City received bids installing plumbing system in 4 story, 180 x 420 ft. Convention Hall, (now under construction), on East 6th St. and St. Clair Ave., from Poplowski Plumbing Co., East 40th St., $169,720; W. G. Cornell Co., Leader-News Bldg., $172,430; Feldman Bros., 10311 Barrett Ave., $173,250. Noted Sept. 2 under "Buildings."

Stadium—O., Columbus—Ohio State University had plans prepared building steel and concrete stadium, to have 83 entrances and 63,000 seating capacity. The arena covers 150,000 sq.ft. of space, the north or closed end will have a movable stage for open air plays, theatricals, concerts and other similar events. The distance around outside of structure will be a little more than ¼ of a mile, height being 107 ft. Around outside will be 87 arches, each 13 ft. wide, 56 ft. high and one arch 72 ft. wide, 86 ft. high, making the main entrance. The building requires 40,000 cu.ft. concrete and 4,000 ton steel. About $1,000,000. Private plans.

Street Flusher and Cleaner—Beloit, Wis.—City plans to purchase street flusher and cleaner. G. E. Heebink, city engr.

Cement — Minneapolis, Minn. — City receives bids in December for 20,000 bbl. cement. About $80,000. K. E. Alexander, purch agt.

Park Development—La Moure, N. D.—La Moure Co. Memorial Assn., c/o C. C. Temple, co. aud., having plans prepared by C. H. Ramsdell, engr., 46 Barton Ave., S. E., Minneapolis, Minn., for developing park as soldiers' memorial. Work includes athletic field, swimming pool, memorial gates, Chatauqua auditorium, shelter houses, walks, drives, etc.

Dam—Cotter, Ark.—Dixie Power Co., Title Guaranty Bldg., St. Louis, Mo., having plans prepared by H. A. Allen, engr., 23 Metropolitan Blk., Chicago, for new hydro-electric dam over White River, here. Noted Aug. 12.

Transmission Line and Distribution System — Locust Grove, Okla. — City having surveys made by V. V. Long & Co., engrs., Colcord Bldg., Oklahoma City, for transmission line and distribution system. About $35,000.

Parks and Playgrounds—Phoenix, Ariz.—City election Nov. 27, to vote on $150,000 bonds to purchase and improve parks and playgrounds.

Dam, Conduit, etc.—San Diego, Cal.—San Diego Consolidated Gas & Electric Co., 935 6th St., applied to State Water Comn., Sacramento, for permission to divert waters of Pauma and Lion Creeks in San Diego Co., and build concrete dam and 2 mi. concrete conduit to develop 680 hp., cost $110,000, also divert waters of west fork of San Luis Rey River, build concrete dam and 3½ mi. concrete conduit to develop 775 hp., cost $235,000.

Telephone Lines and Equipment—Ontario—Bell Telephone Co., 33 Temperance St., Toronto, plans to build aerial cables, underground conduits, switchboards, central office equipment, etc., in Ailsa Craig, cost $2,000; Amherstburg, $8,300; Aylmer, $1,100; Ayton, $1,300; Blenheim, $21,000; Chatham, $47,200; Clinton, $3,300; Creiton, $1,800; Drayton, $2,700; Dresden, $4,000; Durham, $1,600; Essex, $6,200; Exeter, $8,900; Glencoe, $3,600; Goderich, $12,000; Petrolea, $3,700; Plattsville, $700; Ridgetown, $13,100; Sarnia, $29,100; Seaforth, $6,900; Stratford, $36,100; Strathroy, $13,600; St. Marys, $2,100; St. Thomas, $26,700; Teeswater, $1,200; Wallaceburg, $6,700; West Lorne, $2,100; Windsor, $291,700; Harriston, $6,600; Harrow, $5,600; Henshall, $3,400; Kingsville, $10,300; Leamington, $25,500; Listowel, $5,300; London, $56,200; Palmerston, $1,700; Millverton, $1,700; Mitchell, $3,100; Mt. Forest, $5,300; Nuestadt, $600; Oil Springs, $1,600. Total cost, $634,300.

BIDS DESIRED

Paving Blocks—Brooklyn, N. Y.—Until Nov. 16, by Bd. Purchase, Room 526, Municipal Bldg., New York City, furnishing and delivering sand, cement and granite paving blocks to Dept. of Parks, here.

Heating Work—Central Islip, N. Y.—Until Dec. 1, by State Hospital Comn., Capitol, Albany, for heating work and service connections in laundry building, State Hospital here. E. S. Elwood, secy.; advertised in this issue.

Enclosures—New York, N. Y.—Until Nov. 19, by Pub. Serv. Comn., 49 Lafayette St., building inspection shed enclosures at 180th St. Yard, Route 18.

Gasoline, Paving Grits, etc.—New York, N. Y.—Until Nov. 18, by H. H. Curran, pres. Manhattan Boro., furnishing and delivering 8,000 gal. gasoline (Contr. 1); 400 cu.yd. paving grits (Contr. 2); 100,000 gal. refined asphalt (Contr 3); 2,400 cu.yd. binder stone (Contr 4); 30,000 granite paving blocks (Contr. 5); 3,000 bags Portland cement (Contr. 6); five 2½ ton motor trucks (Contr. 7).

Stairway—Williamsbridge, N. Y. (New York P. O.)—Until Nov. 15, by Bronx Parkway Comn., 72 West Pondfield Rd., Bronxville, building granite stairway on south side of Gun Hill Rd. Bridge, over Bronx Blvd., here. J. Downer, secy. and engr.

Coal Handling Machinery—New Orleans, La.—Until Nov. 16, by Bd. Port Comrs., furnishing conveying machinery for handling coal, including shafting, gearing, pulleys, take-ups, bearings, etc.; advertised in this issue.

Coal Conveyor Belt—New Orleans, La.—Until Nov. 16, by Bd. Port Comrs., for 380 ft. of 36 in. coal conveyor belt; advertised in this issue.

Dock Equipment—New Orleans, La.—Until Nov. 16, by Bd. Port Comrs., Suite 200, New Court Bldg., furnishing 1 conveyor belt, motor, belt conveyor, machinery, silent chain drive and sprockets, for Dock Shipping Conveyor 21, of additional equipment east dock gallery at public grain elevator, also dock shipping spouts, of additional equipment east dock gallery at public grain elevator. W. C. Hudson, pres.; advertised in this issue.

Wharf Shed—New Orleans, La.—Until Nov. 16, by Bd. Port Comrs., New Court House Bldg., constructing wharf shed at foot of 4th St. About $100,000. G. Coleman, ch. engr.

Docks—Detroit, Mich.—Until Nov. 22, by H. Brabyn, secy. Bd. Fire Comrs., Wayne and Larned Sts., furnishing labor and material for 335 ft. dock, 75 ft. wide, involving wood piles 4 ft. on centers each way, rein.-con. top and includes 40 ft. extension to railroad tracks and 2 rein.-con. sewer outlets, 100 ft. long, supported on piling. Smith, Hinchman & Gryils, 710 Washington Arcade, engrs.

Ties—Detroit, Mich.—Until Nov. 16, by G. J. Finn, comr., Municipal Court Bldg., furnishing f.o.b. Detroit, 8,000 twin steel ties for Street Ry. Coma., 410 City Hall. About $65,000. W. C. Markham, 410 City Hall, engr.

Portland Cement—Detroit, Mich.—Until Nov. 16, by Comn. of Purchases & Supplies, Municipal Court Bldg., furnishing f.o.b. Detroit, 50,000 bbl. Portland cement.

Crane, etc.—Vancouver, B. C.—Dept. Marine & Fisheries, Ottawa, receiving bids furnishing one 10 ton locomotive gib crane and one 50 ton yard locomotive and numerous hoists for new dock, here.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★Wharf and Coal Trestle—Portland, Me.—Boston & Maine R.R., North Sta., Boston, let contract rebuilding wharf and coal trestle at plant, here, to J. W. Gulliver Co., 120 Exchange St. About $20,000.

Dumping Scows—New York, N. Y.—Street Cleaning Dept., Room 1244, Municipal Bldg., received bids Nov. 5, constructing 5 dumping scows from C. Hildebrand Dry Dock Co., $315,000 (Proposition A), $325,000 (Proposition B); U. S. Steamship Co., 50 Broad St., $337,915 (Proposition A); $362,915 (Proposition B); I. S. Bushing & Son, 764 Court St., Brooklyn, $365,000 (Proposition A), $407,500 (Proposition B). Noted Oct. 21.

Ferryboat—New York, N. Y.—G. A. Whalen, comr. Plant & Structures, Municipal Bldg., received bids Nov. 1, constructing steel screw ferryboat, from U. S. Steamship Co., 50 Broad St., $812,400; S. L. Steamship Corp., $822,000; Newburg Ship Yards, Inc., $875,100. Noted Oct. 21.

★Heating System—New York, N. Y.—Dept. Pub. Wks., Albany, let contract installing heating system in Barge Canal Terminal Headhouse on Pier 93, West 53rd St., here, (Terminal Contr. 225-H), to Austin Eng. Co., 121 West 42nd St., $4,875. Noted Nov. 4.

Station Finish—New York, N. Y.—Transit Comn. received bids Nov. 1, for miscellaneous construction and station finish, from E. Ballaban, $20,056; J. D. Roberts, $21,800; D. C. Serber, $24,000.

★Piers—Oswego, N. Y.—E. S. Walsh, supt. Pub. Wks., Albany, let contract building concrete foundation piers for proposed grain elevator on Barge Canal Terminal Pier, here (Terminal Contr 80), to Brown & Lowe Co. and Law Bros., Foster Ave., Schenectady, $336,412. Noted Oct. 21.

★Foundation—Rochester, N. Y.—E. S. Walsh, supt. Pub. Wks., Albany let contract building foundation for proposed terminal freighthouse, here, Terminal Contr. 229, to New England Foundation Co., Inc., 70 Kilbey St., Boston, $34,826. Noted Oct. 14.

★Terminal—Rouses Point, N. Y.—E. S. Walsh, supt. Pub. Wks., Albany, let contract completing terminal, here (Terminal Contr. 26-a), to Holler-LaDu Corp., Holland Bldg., Albany, $32,619. Noted Oct. 7.

★Underground Pipes — Wilkinsburg (Pittsburgh P. O.), Pa.—Boro. let contract furnishing labor and material for ditching, laying conduit pipes, etc., and completely building system of underground pipes or conduits, here and in Wilkins Twp., to Booth & Flinn, Ltd., 1942 Forbes St., Pittsburgh.

Bulkheads—New Orleans, La.—New Orleans Levee Bd. received bids building 316 and 200 ft. bulkheads for Algiers ferry landing, (1) inner and outer, (2) inner, from Blakemore Constr. Co. with G. A. Fuller & Co., Poland and Dauphine Sts., (a) Wakefield piling, (b) Martinez piling, (1a) $15,000, (1b) $15,000; (2a) $21,960, (2b) $21,960; Doullut & Williams, Hibernia Bank Bldg., (1a) $17,040, (1b) $17,625, (2a) $28,049, (2b) $29,993.

Wharf—New Orleans, La.—Bd. Port Comrs., Court House Bldg., received bids furnishing and erecting open wharf at foot of Clouset St. including complete roadway, drainage, footings, but exclusive of paving, from Dalgran Constr. Co., 611 Gravier St., $94,960; Alexander & Juliana, 636 Common St., $108,350; Hackett & Garsaud, Maison Blanche Bldg., $142,902.

★Foundation, etc.—Miamisburg, O.—Bd. Educ. let contract excavating and building foundation for 2 story, school, to Nolge & Norton, Chillicothe. About $15,000. Noted July 15, under "Buildings."

★Lock—Chicago, Ill.—Dept. Pub. Wks. & Bldgs., 25 East Jackson Blvd., let contract building Marseilles Lock, on Illinois River, to Green & Sons Co., 563 McCormick Bldg., $1,373,115. Noted Oct. 21.

★Pumping Engine—Janesville, Wis.—City let contract furnishing pumping engine, to Murray Iron Wks., 880 Washington St., Burlington, Ia., $46,538. Noted Sept. 9.

★Foundation—Milwaukee, Wis.—Bd. Industrial Educ., Manufacturers Home Bldg., let contract building rein.-con. foundation for 2nd unit of continuation school, 7 story, 145 x 268 ft., to G. E. Kahn, 114 Grand Ave., $123,500. Former bids rejected. Noted Oct. 28.

★Garbage Incinerators—Ft. Worth, Tex.—City let contract constructing 3 stoker incinerators in residential section and one 25 ton stoker incinerator in business section, (all housed in brick buildings), to Superior Insurance Co., Dallas, $56,200.

★Plumbing, Heating, etc.—Denver, Col.—City let plumbing contract for 2 story, 125 x 350 ft. school on South Washington, South Pearl, Beard and Cedar Aves., to Johnson-Davis Plumbing & Heating Co., Denver, $26,887; heating, to J. Pfeiffer, 1140 California St., $63,688; electric wiring, to Denver Electrical Co., 1642 Tremont St., $15,396. Noted Sept. 30.

★Wharf—Ottawa, Ont.—Dept. Pub. Wks. let contract building wharf at Thetis Island, B. C., to Vancouver Pile Driving & Contg. Co., 207 Hastings St., W., Vancouver. About $64,000.

OFFICIAL PROPOSALS

Bids: Nov. 22

Lock and Dam Construction

OF
THE ILLINOIS WATERWAY
CONTRACT NO. 2

Chicago, Ill.

1. Sealed proposals for the construction of Starved Rock Lock and Dam, located in the Illinois River, two miles above Utica, and seven miles below Ottawa, La Salle County, Illinois, will be received at the Office of the Director of the Department of Public Works and Buildings, Division of Waterways, Room 1404, 25 East Jackson Boulevard, Chicago, Illinois, until twelve (12) o'clock noon, Central Standard Time of the twenty-second (22) day of November, 1920, and then publicly opened and read.

2. Copies of the plans, specifications, proposal blank, form of bond, and contract may be obtained by prospective bidders at the Office of the Department, Room 1404, 25 East Jackson Boulevard, Chicago, Illinois, upon depositing a check for Ten Dollars ($10.00), made payable to the Director of the Department of Public Works and Buildings, which sum will be returned within ten (10) days after the contract has been awarded, if the plans are returned in good condition within that time.

3. Each proposal shall be accompanied by a certified check or draft drawn on some responsible bank doing business in the City of Chicago, and made payable to the order of the Director of the Department of Public Works and Buildings, for five (5) per cent of the amount of the proposal. In lieu of a certified check or draft, the proposal may be accompanied by a bond executed in the form prescribed by the Department of Public Works and Buildings and with a Surety Company approved by the Department in the penal sum of ten (10) per cent of the amount of the proposal.

4. The Department of Public Works and Buildings reserves the right to reject any or all bids. The contract, if let, will be awarded to the lowest responsible bidder.

FRANK I. BENNETT,
Director, Department of Public Works and Buildings.
WILLIAM L. SACKETT,
Superintendent of Waterways.
M. G. BARNES,
Chief Engineer,
Division of Waterways.
October 21, 1920.

Bids: Nov. 19.

Motor Driven Centrifugal Pumps

DEPARTMENT OF PUBLIC SERVICE
BUREAU OF WATER WORKS
IMPROVEMENT
CONTRACT NO. 204

Akron, Ohio

Sealed bids or proposals for furnishing motor-driven centrifugal pumps will be received at the office of the Director of Public Service, Delaware Building, Akron, Ohio, until 12 o'clock noon, Central Standard time, of Friday, the 19th day of November, 1920, and at that time and place will be publicly opened and read.

The contract includes the furnishing and delivery of two (2) horizontal centrifugal pumps, normal capacity, 2,000 gallons per minute against a total head of 120 ft., direct connected to electric motors.

All proposals must be made on the blank forms furnished by the city. Each proposal must be accompanied by a certified check in the amount of Two Hundred Dollars ($200.)

A satisfactory bond in the sum of fifty (50) per cent of the amount of the contract will be required of the successful bidder.

The specifications may be seen at the office of the director, or copies may be obtained from the Bureau of Water Works Improvement, 102 East Mill St., Akron, Ohio.

The right is reserved to reject any or all bids.

E. A. ZEISLOFT,
Director of Public Service.
H. H. FROST,
Superintendent of Water Works.
G. G. DIXON, Engineer.

Bids: Nov. 23.

Construction of Bridge Superstructure

Montpelier Vt.

Sealed proposals for furnishing and erecting the steel superstructure for the proposed Booth Bridge in Bridgewater, Vermont, will be received at the Office of the State Highway Commissioner, Montpelier, Vermont, until 2 p.m., November 23, 1920, and then publicly opened and read.

Bidders are asked to submit their own design and strain sheets and if requested, to furnish complete detail plans to be approved by the State Engineer and by the Secretary of Agriculture, or his authorized agents.

Specifications may be seen at the Office of the State Engineer, Montpelier, Vermont, or obtained on the receipt of $5.00, which money will be refunded on the return of the specifications or acceptance of the bid.

Bidders should satisfy themselves, before bidding, as to the character of the work and the obstacles to be encountered. Said bridge is to be 70 feet clear span and 21 feet clear roadway and located on the main road from Rutland to Woodstock about twenty miles from Rutland or ten miles from Woodstock.

certified check for $500.00, payable to the State Highway Commissioner, must accompany each bid.

The right is reserved to repect any and all bids.

S. B. BATES.
State Highway Commissioner.

Bids: Nov. 16.

Canal Improvements

STATE OF NEW YORK
OFFICE OF SUPERINTENDENT
OF PUBLIC WORKS

Albany, N. Y.

Sealed proposals will be received by the undersigned at his office in the Capitol at Albany, N. Y., until 12 o'clock noon of Tuesday, Nov. 16, 1920, at which place and hour they will be publicly opened and read, for improving the New York State canals, pursuant to the provisions of Chapter 147 of the Laws of 1903, and of the acts amendatory thereof and supplementary thereto, and Chapter 570 of the Laws of 1915, as follows:

—1—

CONTRACT NO. 186
Erie Canal—Section 6

For constructing head gates at the north end of the dam at Baldwinsville.

Sheets 1 to 3 inclusive.

Plans may be seen and detailed specifications, engineer's estimates of quantities, proposal blanks, form of contract and bonds required and other information for proposers may be had at the office of the Superintendent of Public Works at Albany, N. Y., at the office of the Assistant Superintendent of Public Works for the Middle Division at Syracuse, N. Y., at the office of the Assistant Superintendent of Public Works for the Western Division at Rochester, N. Y., and at the canal office, Spaulding's Exchange, Buffalo, N. Y.

Copies of detailed plans or drawings may be obtained from the State Engineer and Surveyor at Albany, N. Y., upon payment to him of the cost of producing them.

Monthly estimates will be paid of ninety per centum (90 per cent) of the work done at the contract price. Every proposal for said work must be accompanied by a money deposit in the form of a draft or certified check upon some good banking institution in the city of Albany or New York, issued by a national or state bank (or trust company in the case of terminal contract) in good credit within the state and payable at sight to the Superintendent of Public Works for five per centum (5 per cent) of the amount of the proposal.

The person whose proposal shall be accepted will be required to execute a contract and furnish bonds within ten days from the date of notice of award delivered to him or them in person or mailed to the address given in proposal.

Upon execution of the contract and approval of bonds the certified check or draft will be returned to the proposer unless the same shall have been presented for collection prior to such time in which case the amount of the deposit will be refunded by the Superintendent of Public Works.

The deposits of bidders other than one to whom the award of contract shall be made will be returned immediately after the award has been made.

The bond required for the faithful performance of each contract shall be in such sum as shall be fixed by the Superintendent of Public Works, which sum shall not be less than twenty per centum (20 per cent) of the estimated cost of the work, according to the contract price, and an additional bond, known as the labor bond, in the sum of ten per centum (10 per cent) of the amount of the estimated cost of the work according to the contract price, will be required as security that the contractor will pay in full at least once in each month all laborers employed by him upon the work specified to be done in the contract.

In the event that more than one surety company is offered as surety on said bonds co-insurance only will be accepted.

Each proposal must be addressed to the Superintendent of Public Works, Albany, N. Y., and must be endorsed on the envelope with the name of the construction for which the proposal is made.

Award, if made, will be made to the person or persons whose proposal shall be lowest in cost to the state for doing the work, and which shall comply with all provisions required to render it formal. Before any award shall be made the lowest bidder will be required to satisfy the Superintendent of Public Works of his ability to provide suitable equipment and materials for the property performance of the work.

The right is reserved to reject all proposals and readvertise and award the contract in the regular manner if, in the judgment of the undersigned, the interests of the state will be enhanced thereby.

EDWARD S. WALSH,
Superintendent of Public Works.
October 16, 1920.

Bids: Nov. 16.

Furnishing Motor

New Orleans, La.

Sealed proposals will be received by the Board of Commissioners of the Port of New Orleans, at their office, Suite 200 New Orleans Court Building, until 8 p.m., Tuesday, November 16th, 1920, and then publicly opened, for the furnishing of one motor for Dock Shipping Conveyor No. 21 of Additional Equipment East Dock Gallery at Public Grain Elevator.

A deposit of $300.00 in cash or certified check is required with proposal.

Bond of 50% of bid is required with notarial contract.

Payment: 85% of the bid for material wil lbe paid upon delivery and acceptance of same on the site. The balance will be paid 20 days after the motor and other material has been placed in operation and has been satisfactory to the Chief Engineer of the Board.

Plans and specifications are on file in the office of the Acting Chief Engineer, H. M. Gallagher, No. 1 Canal Street, by whom full sets will be furnished to prospective bidders on deposit of $10.00, which will be refunded to depositors who submit proposals or return sets in good condition.

The right is reserved to reject any or all bids and to waive informalities.

W. O. HUDSON,
President.

Bids: Nov. 22.

Johnson Street Bridge

CONTRACT NO. 1

Victoria, B. C.

Sealed tenders, addressed to the City Clerk, either on a lump sum or schedule basis, for the construction of the greater part of the substructure, will be received up to noon on November 22d, 1920. Plans and specifications may be obtained from the City Engineer on and after October 29th, 1920, by depositing the sum of ten dollars ($10), which will be returned upon receipt of a bona fide tender.

The lowest or any tender will not necessarily be accepted.

J. L. RAYMUR,
Purchasing Agent.
City Hall, Victoria B. C.